

FIG.1

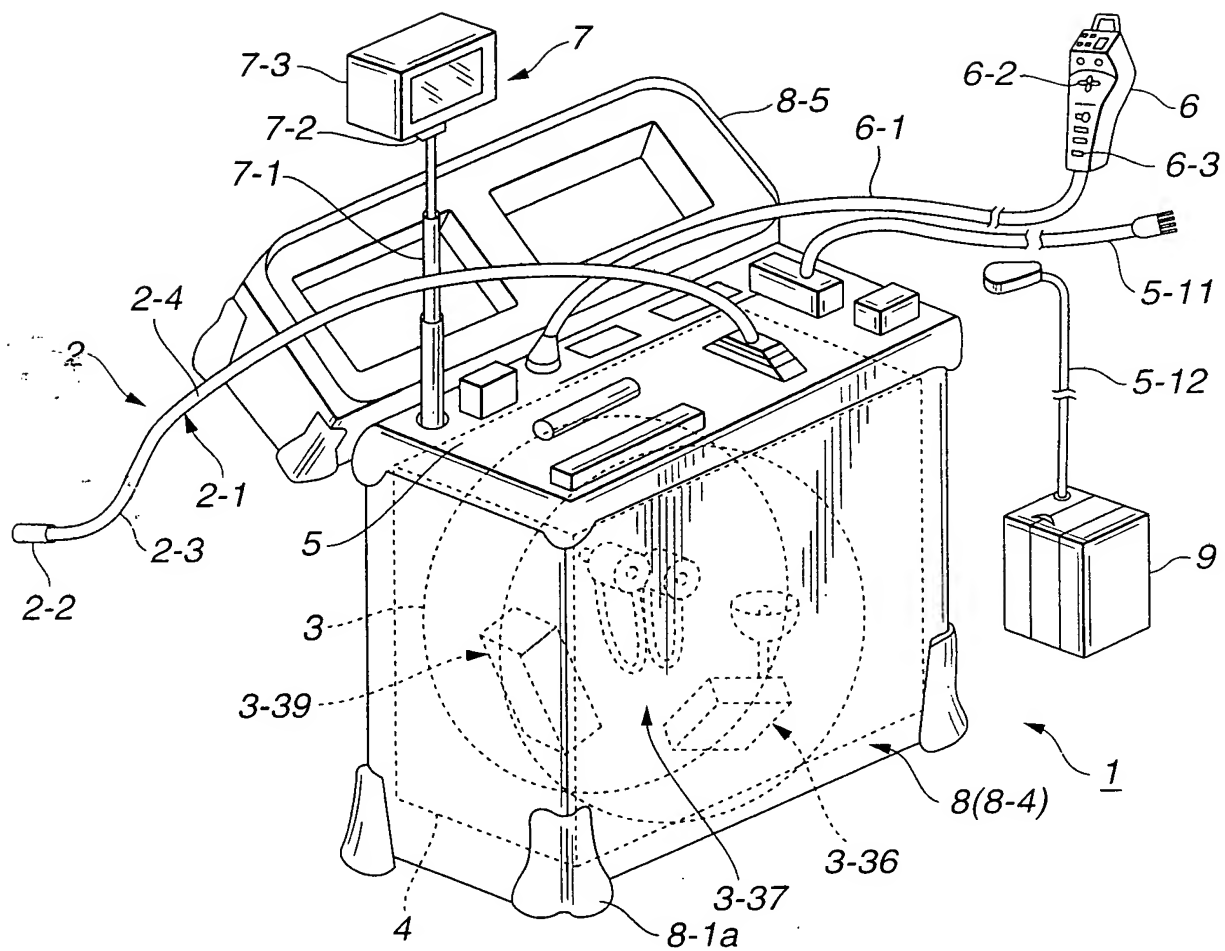
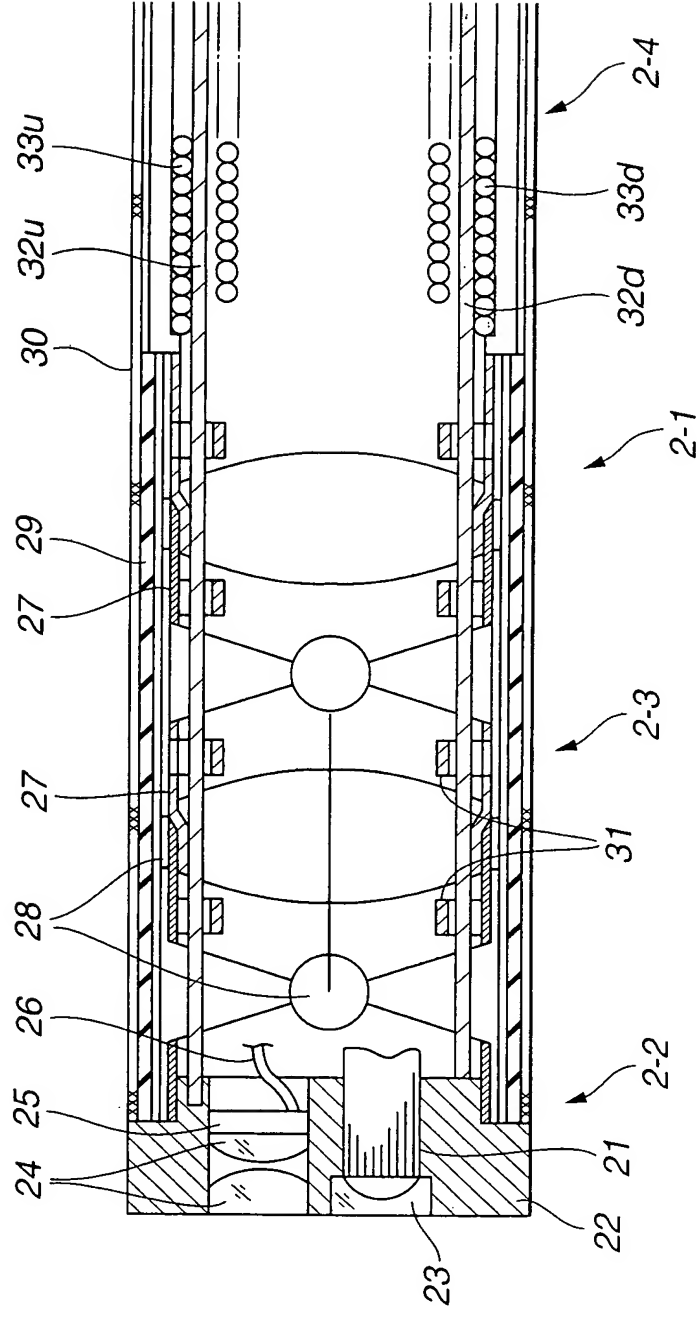
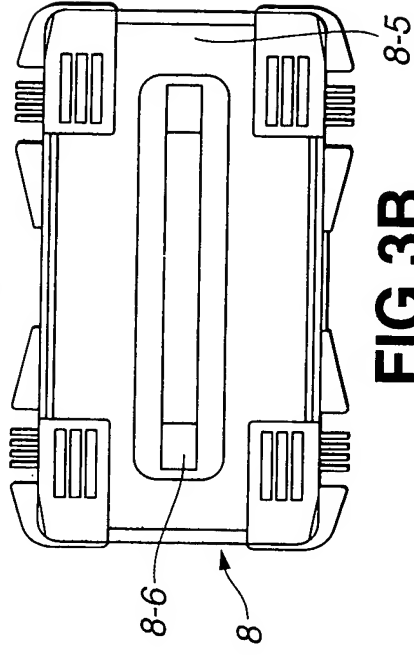


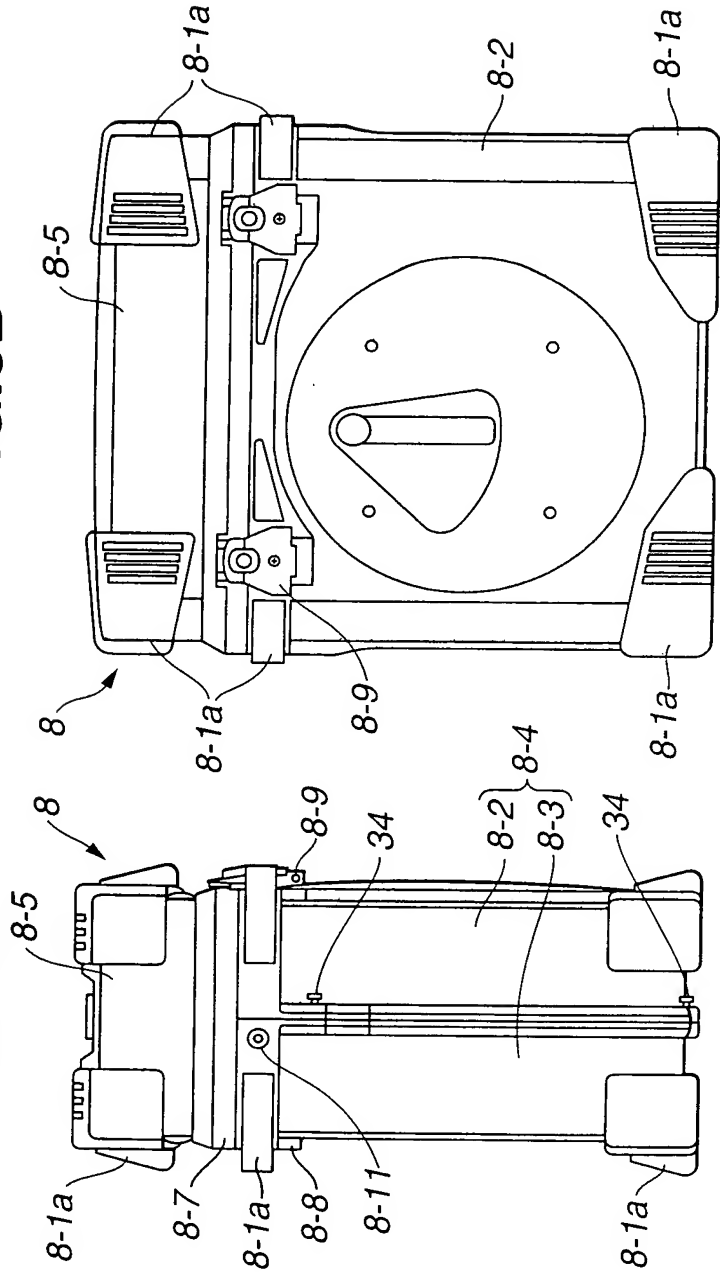
FIG.2



**FIG. 3C**



**FIG. 3A**



**FIG. 3B**

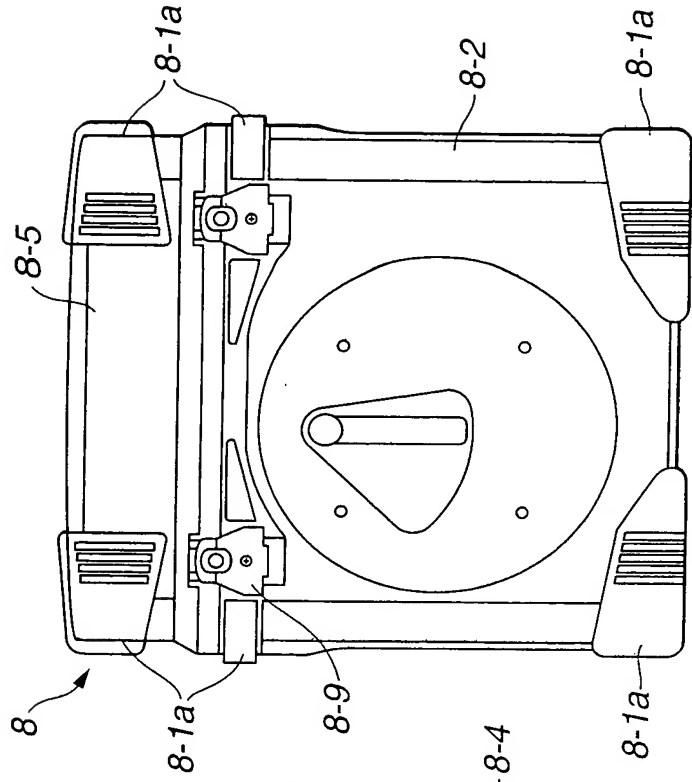
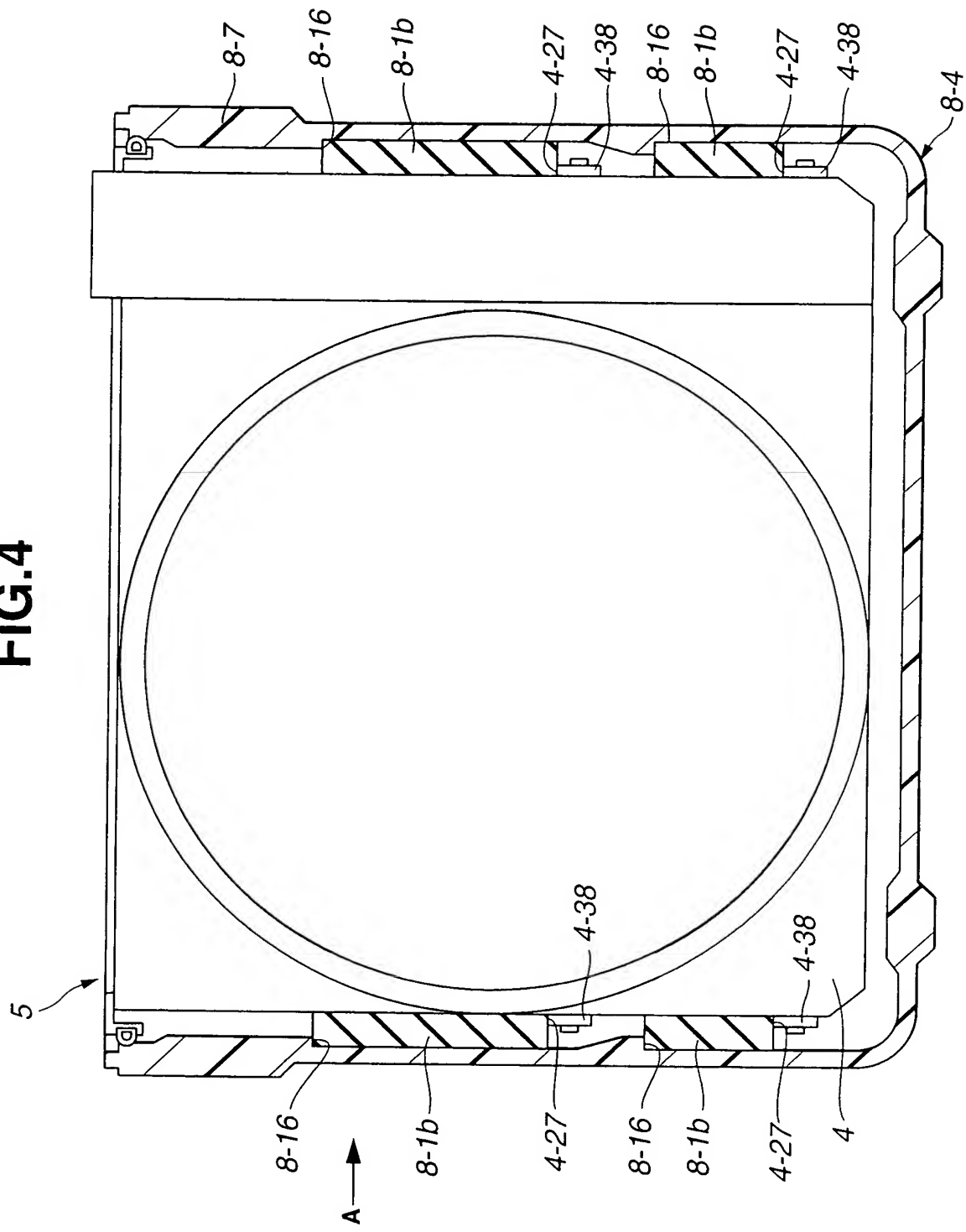
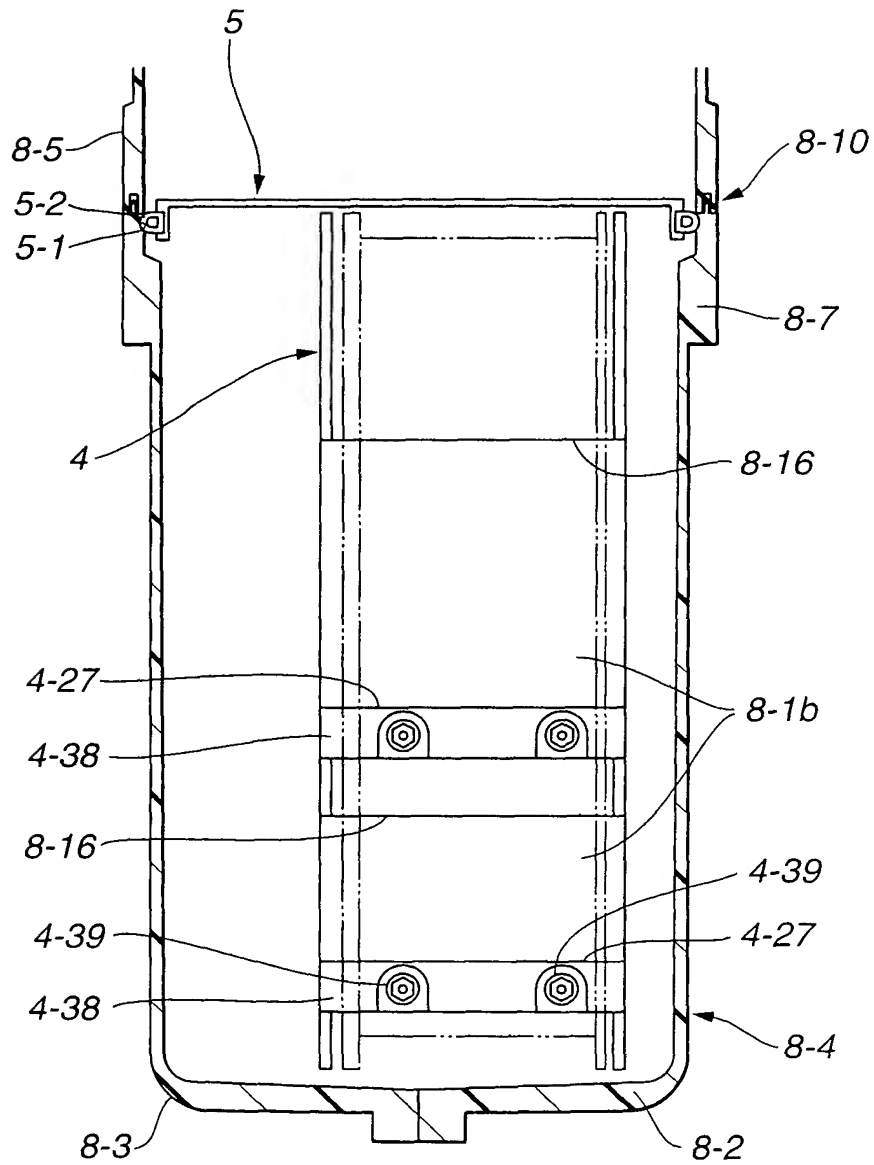


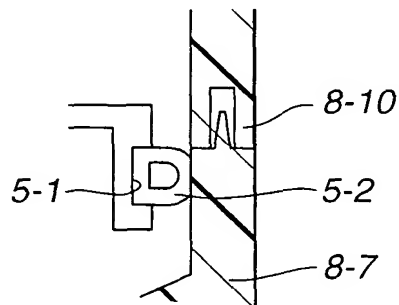
FIG.4



**FIG.5A**



**FIG.5B**

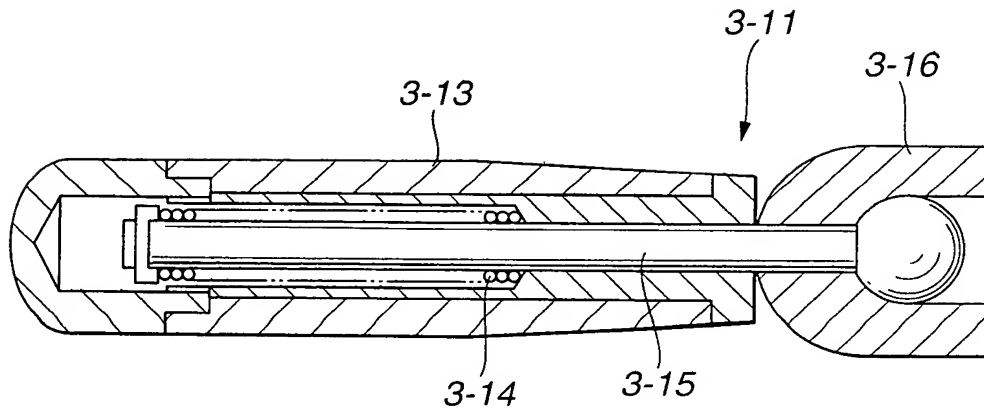


Top view of the device. The central circular dial (3-1) features a pointer (3-11) and a scale (3-12). A dashed circle (8-12) is centered on the dial. The device is mounted on a base (8-1a) and includes a vertical support (8-2). A vertical line with arrows at both ends, labeled 7A, indicates the location of a cross-section.

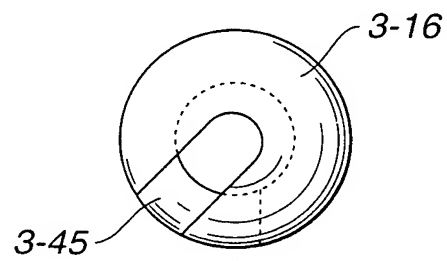
**7A**



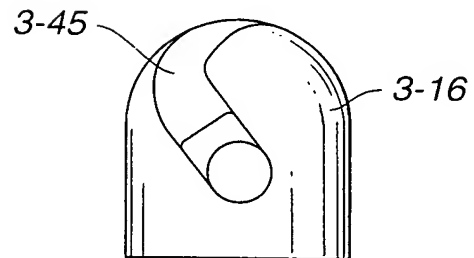
**FIG.8A**



**FIG.8B**

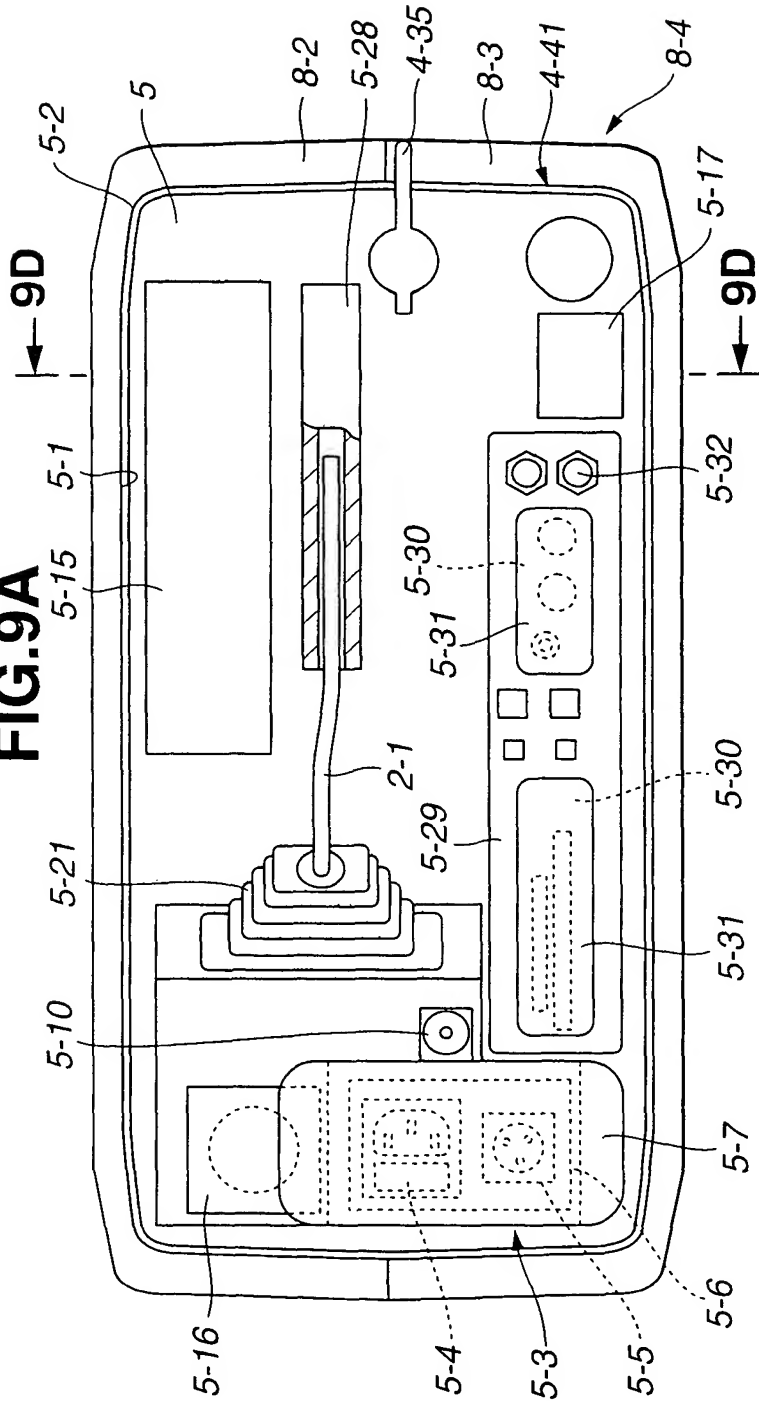


**FIG.8C**





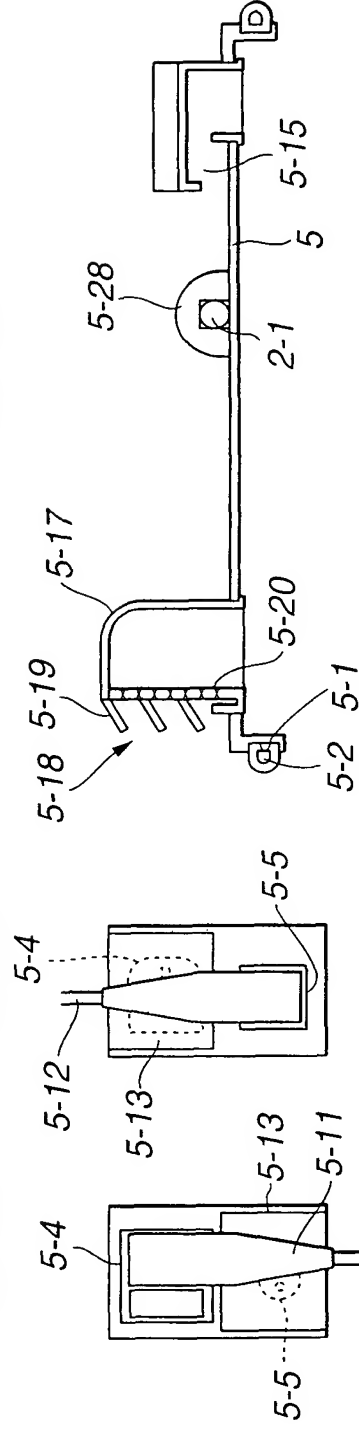
**FIG.9A**



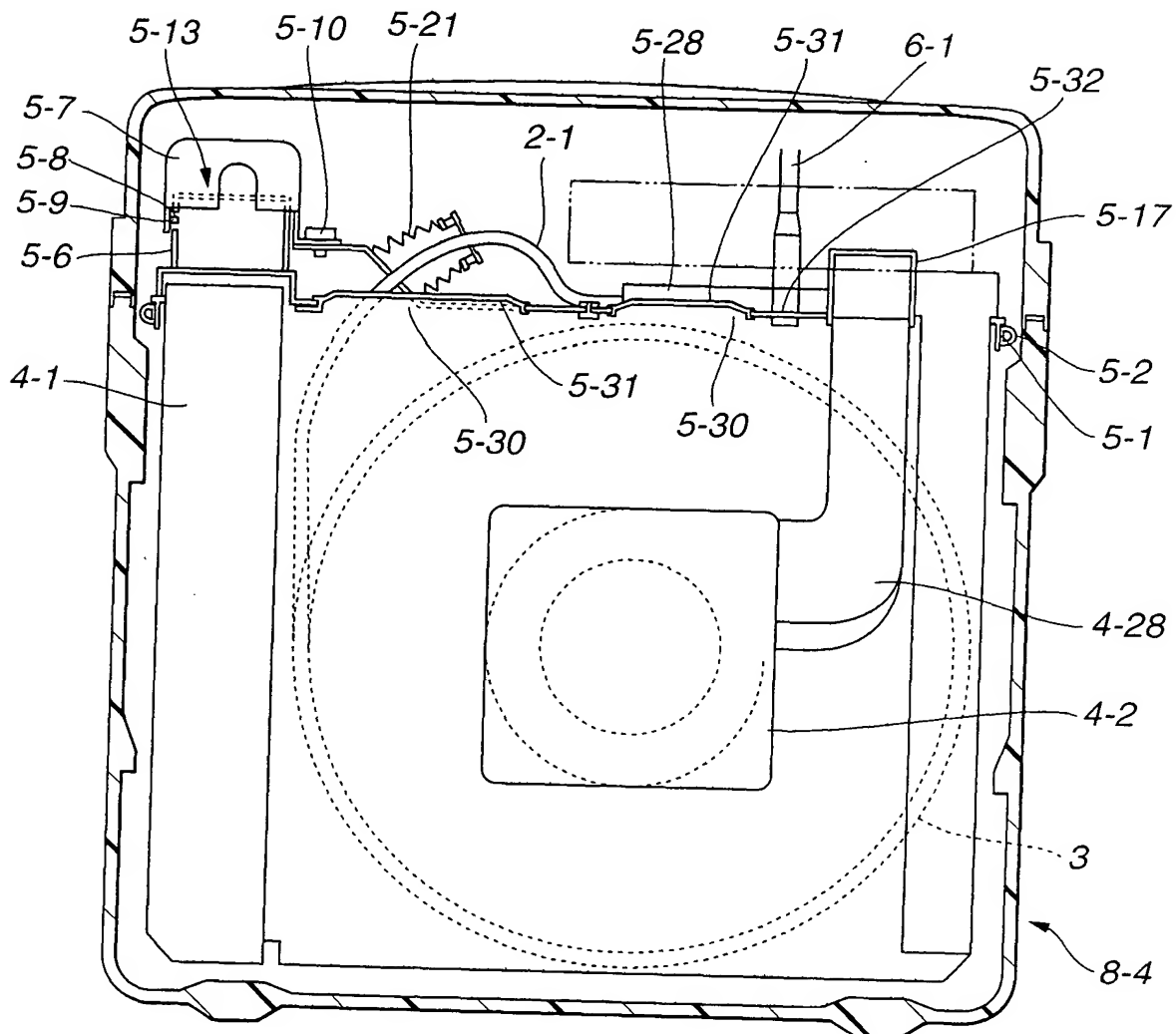
**FIG.9D**

**FIG.9B**

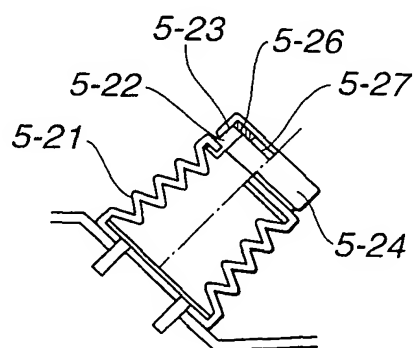
**FIG.9C**



**FIG.10A**



**FIG.10B**



**FIG.11**

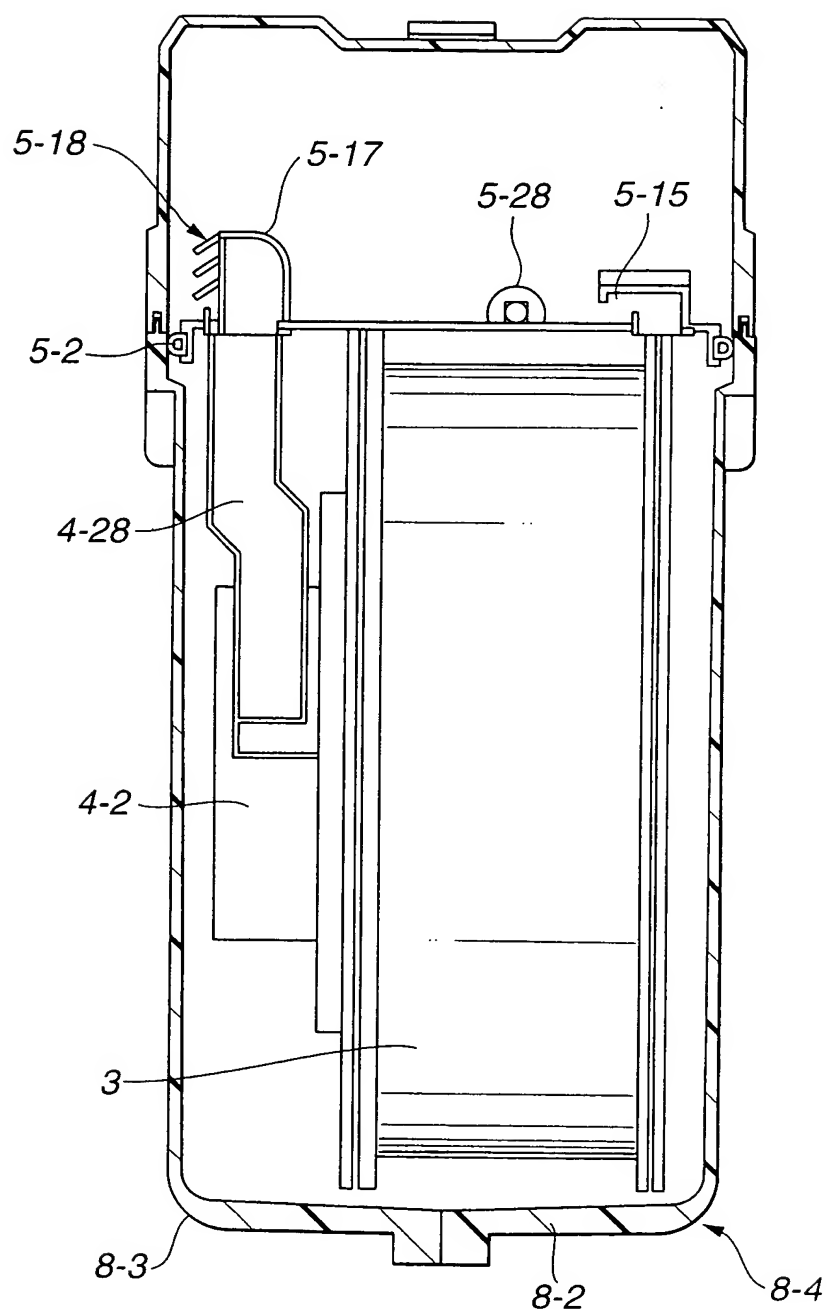
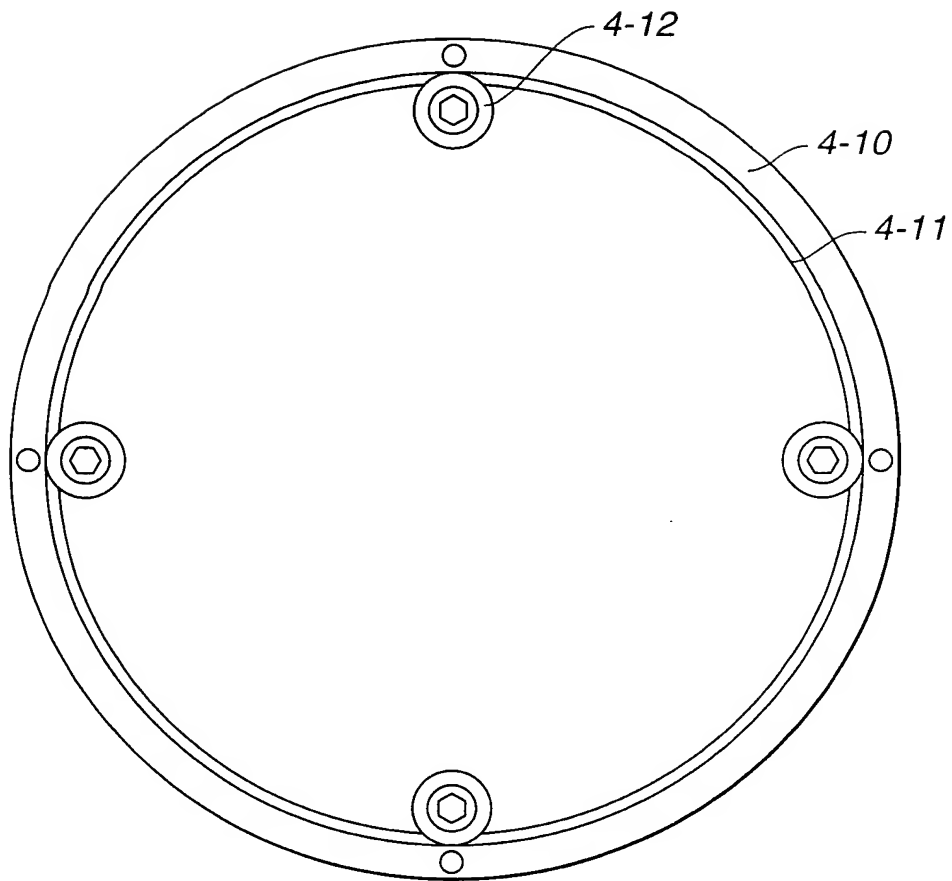
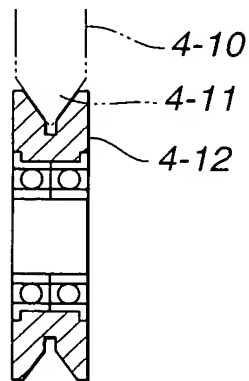


Fig. 3-2 is a perspective view of a second example of the tape 3. It shows a cross-section of the tape with a central core 3-2a and an outer layer 3-2b.

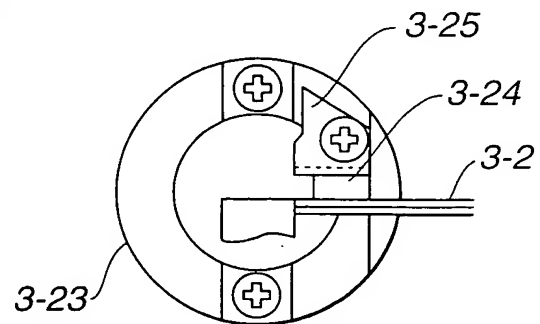
**FIG.13A**



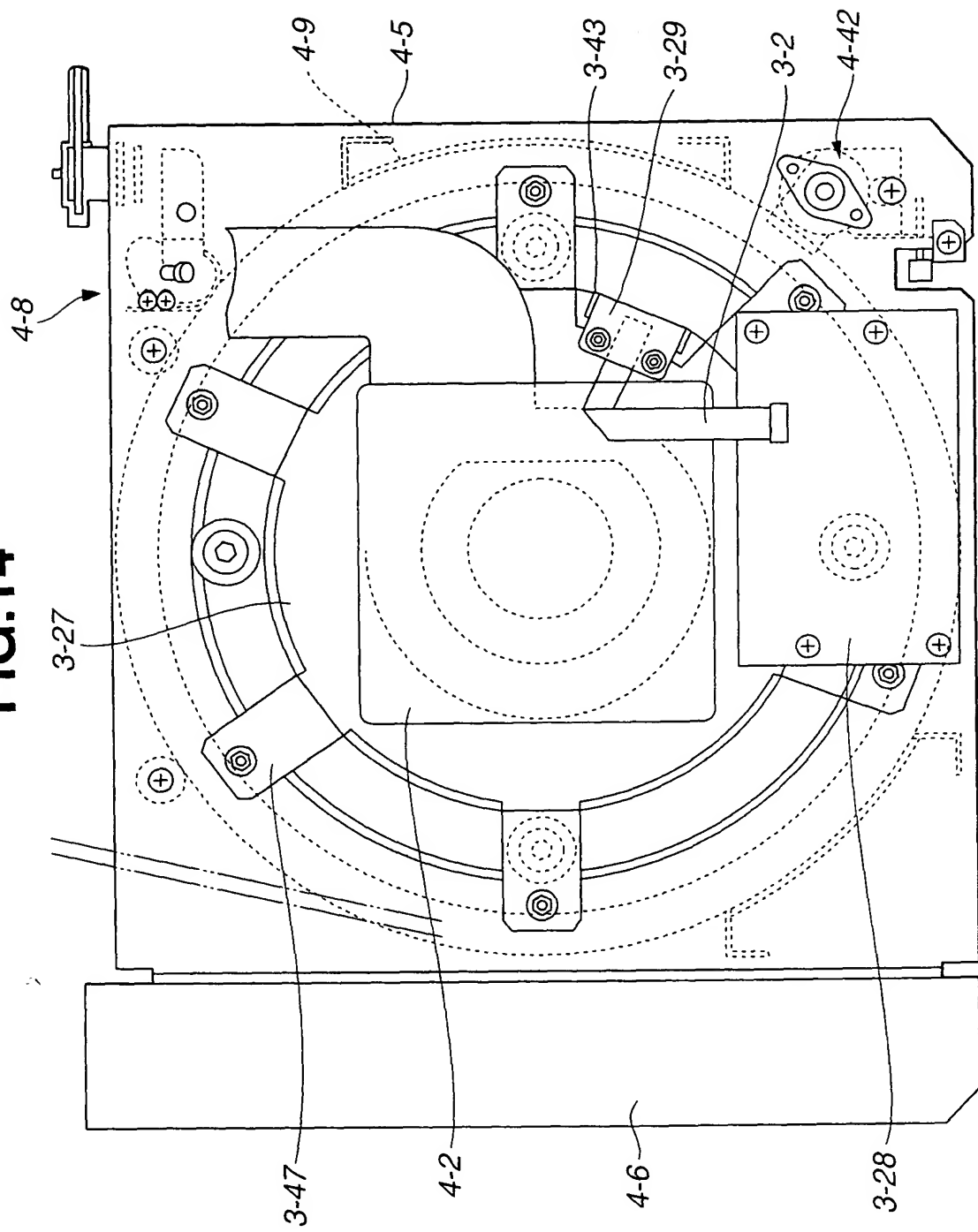
**FIG.13B**



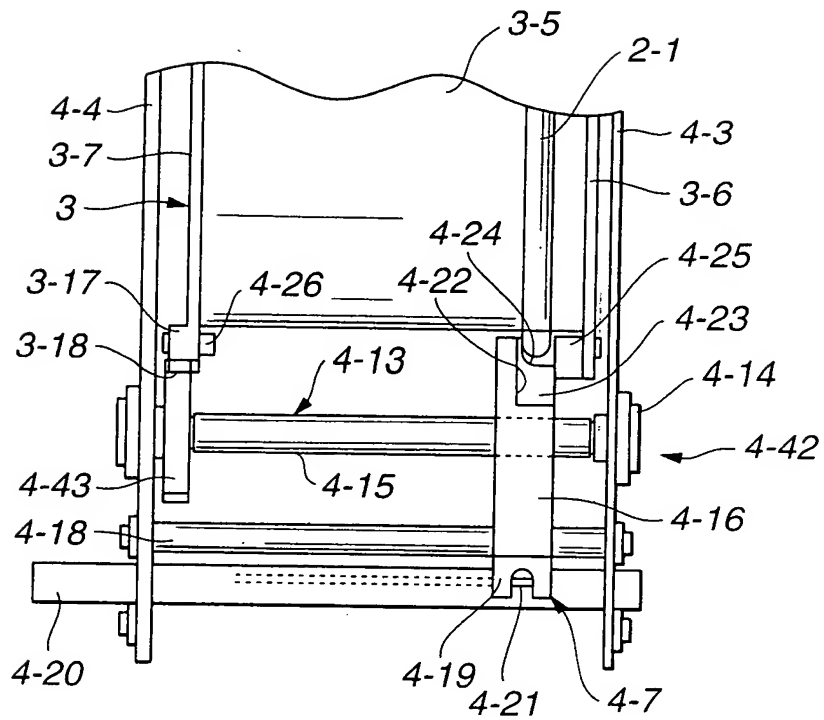
**FIG.13C**



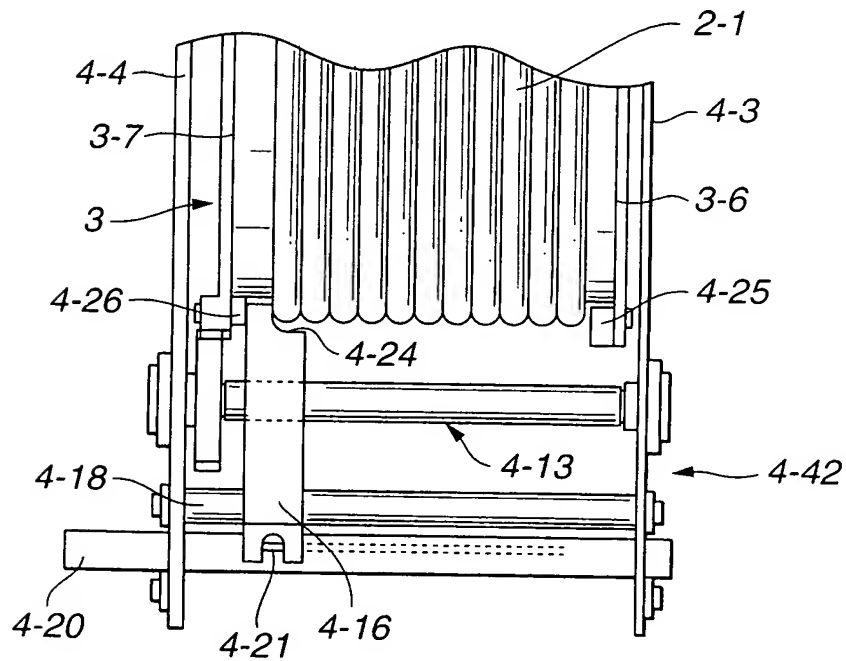
**FIG.14**



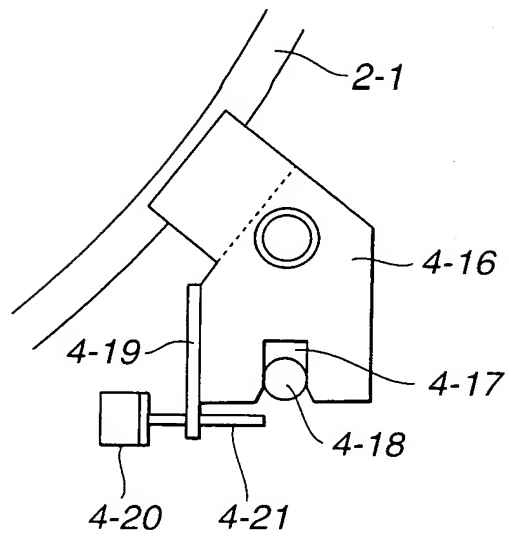
**FIG.15A**



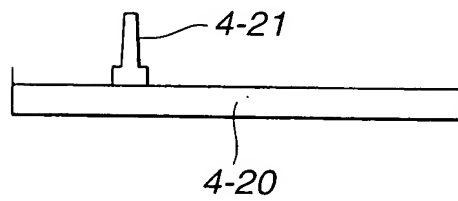
**FIG.15B**



**FIG.16A**

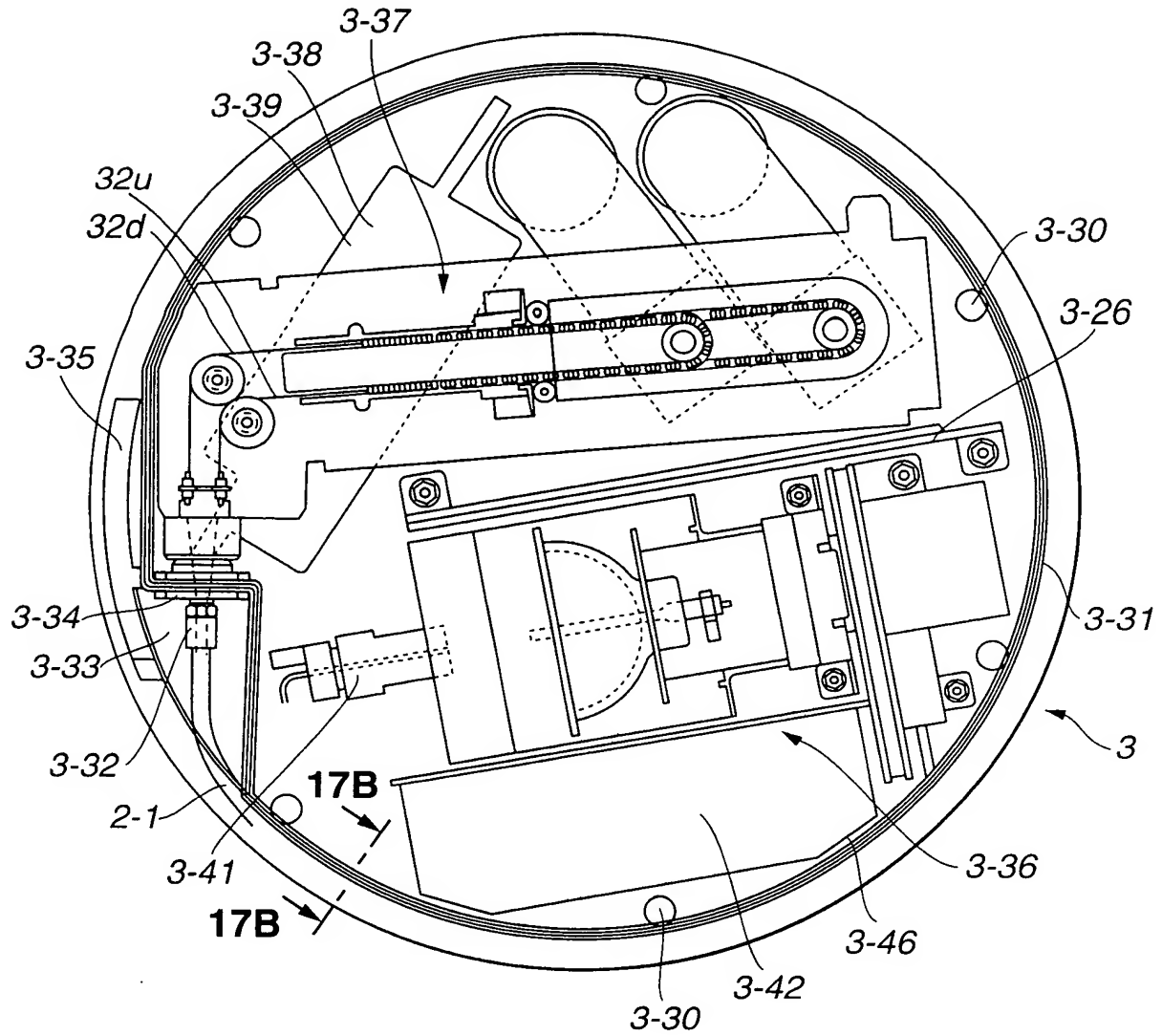


**FIG.16B**

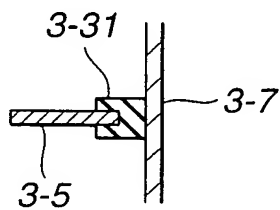




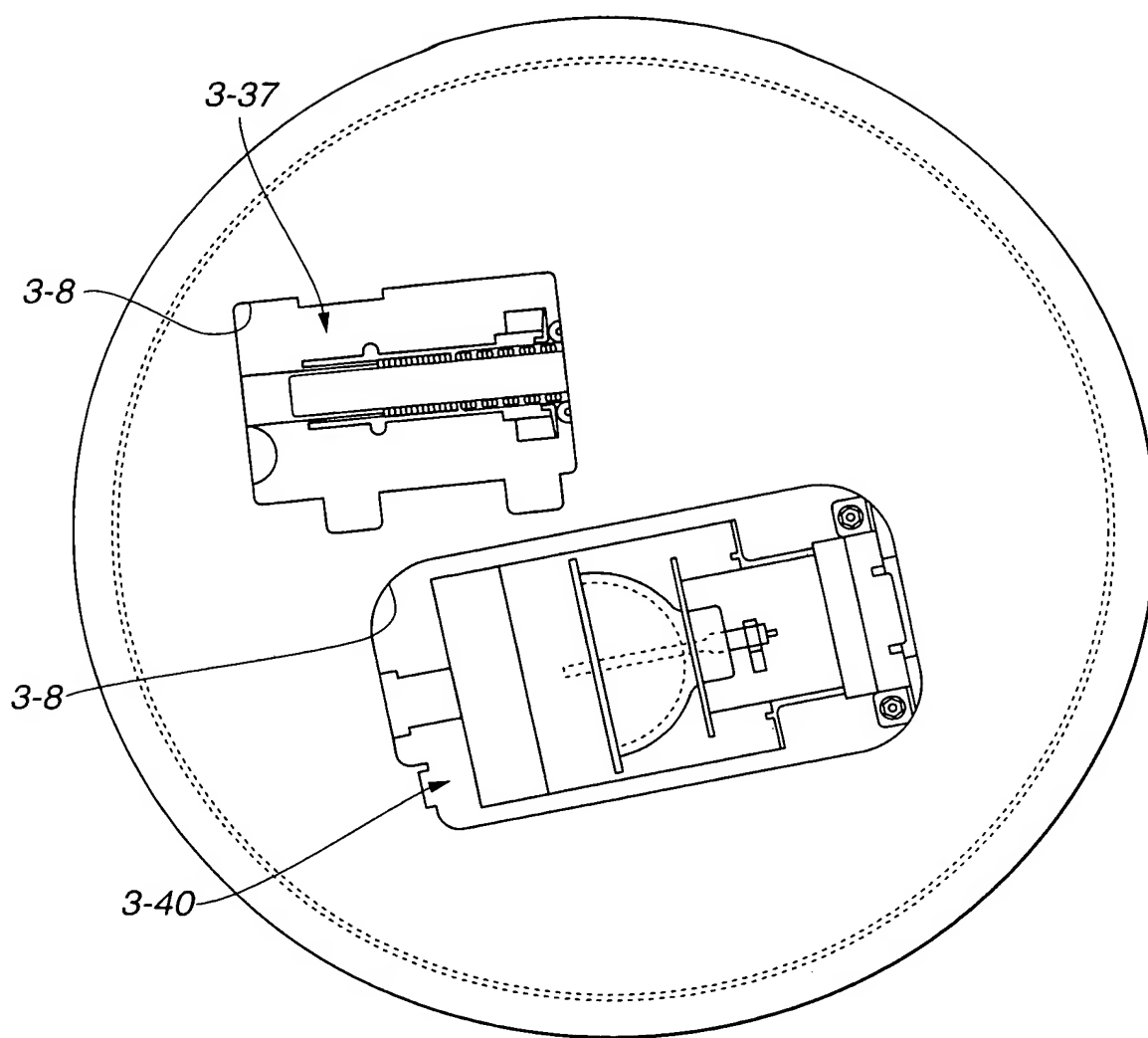
**FIG.17A**



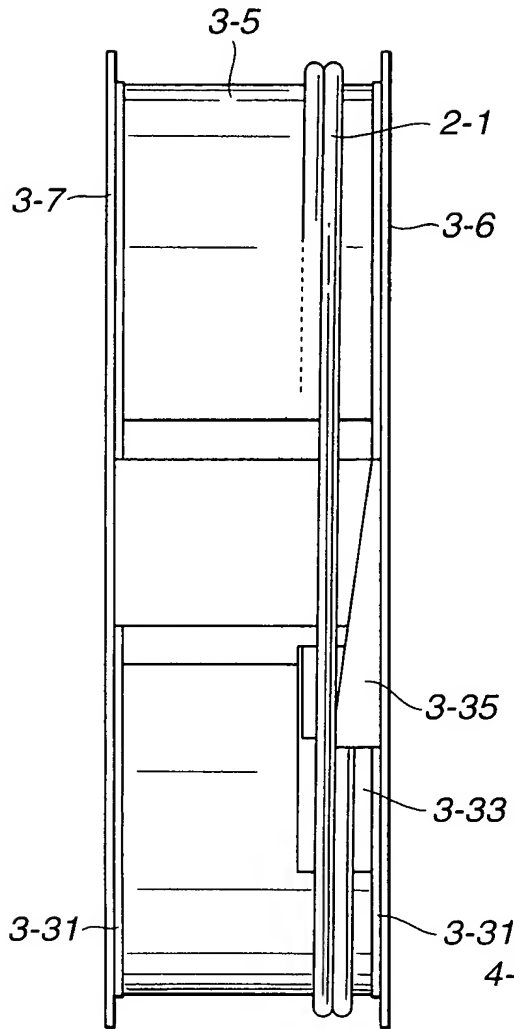
**FIG.17B**



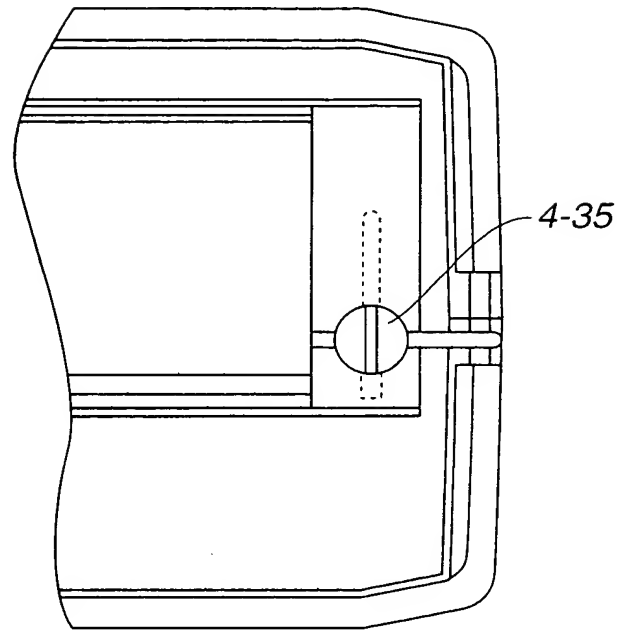
**FIG.18**



**FIG.19**

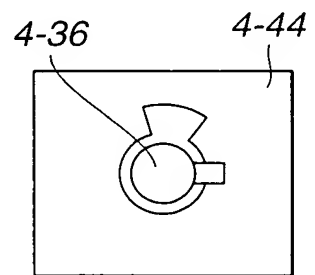
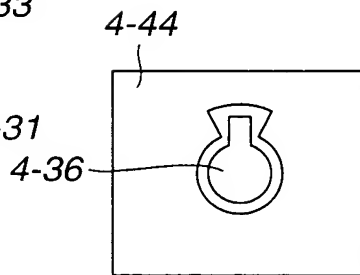


**FIG.20A**

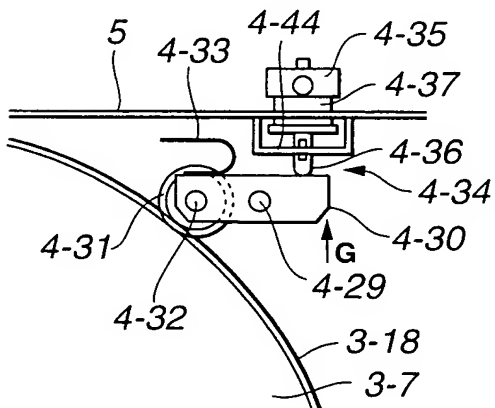


**FIG.20D**

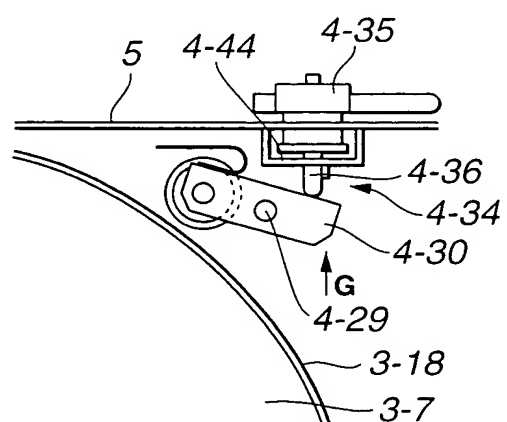
**FIG.20E**



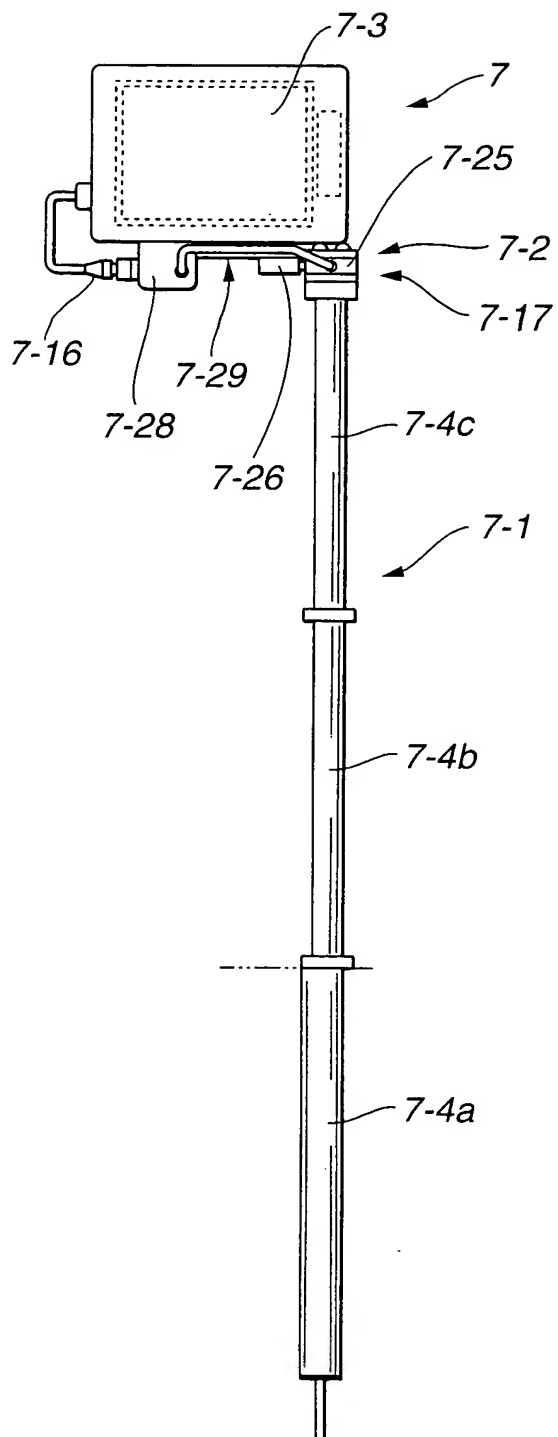
**FIG.20B**



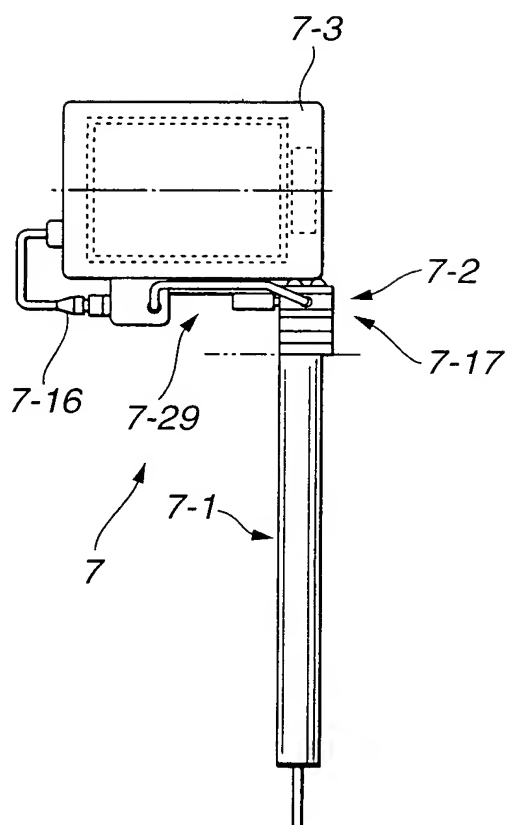
**FIG.20C**



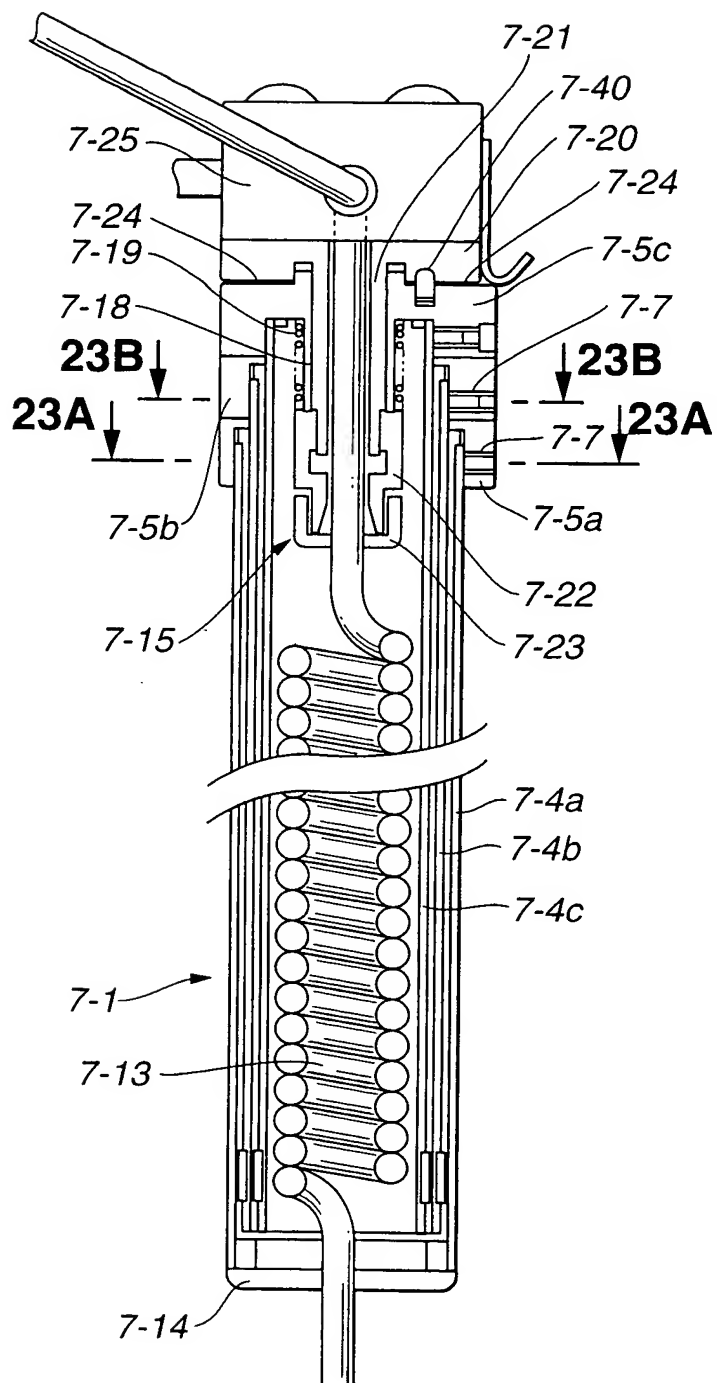
**FIG.21A**



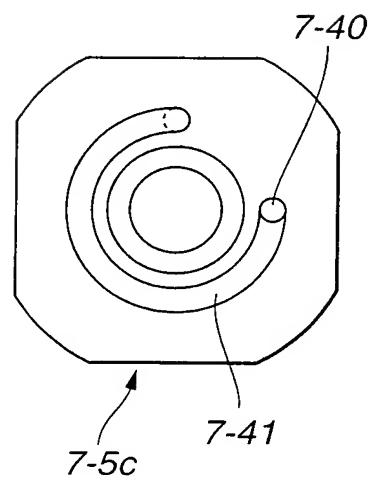
**FIG.21B**



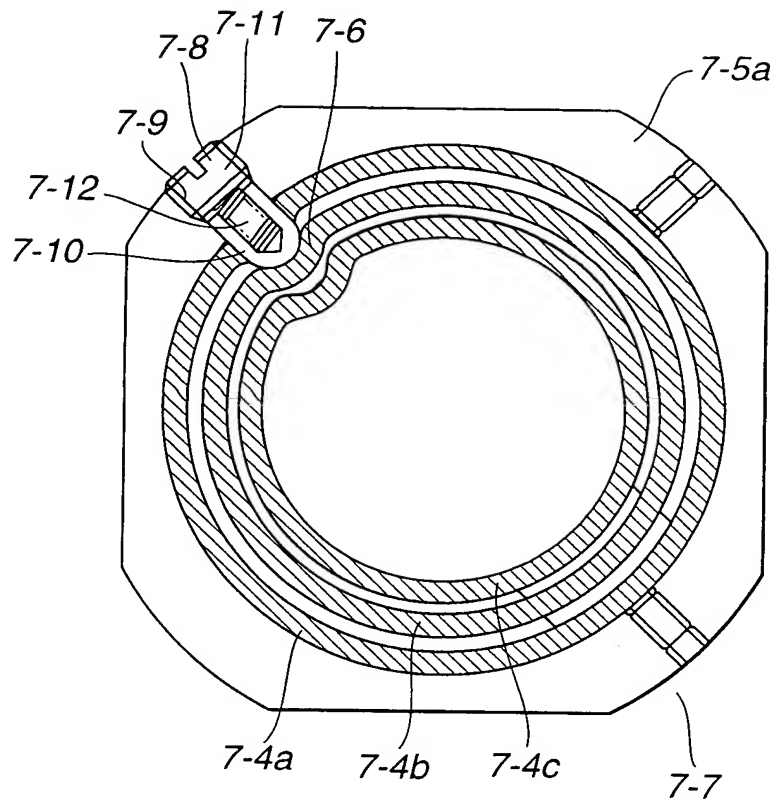
# FIG.22A



# FIG.22B



**FIG.23A**



**FIG.23B**

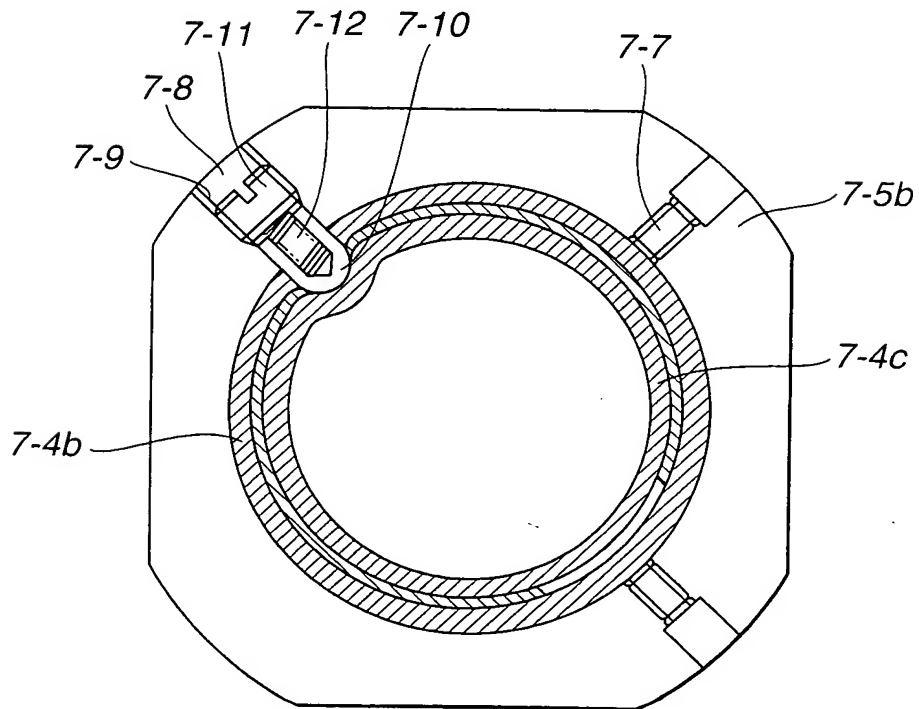


FIG.24A

FIG.24C

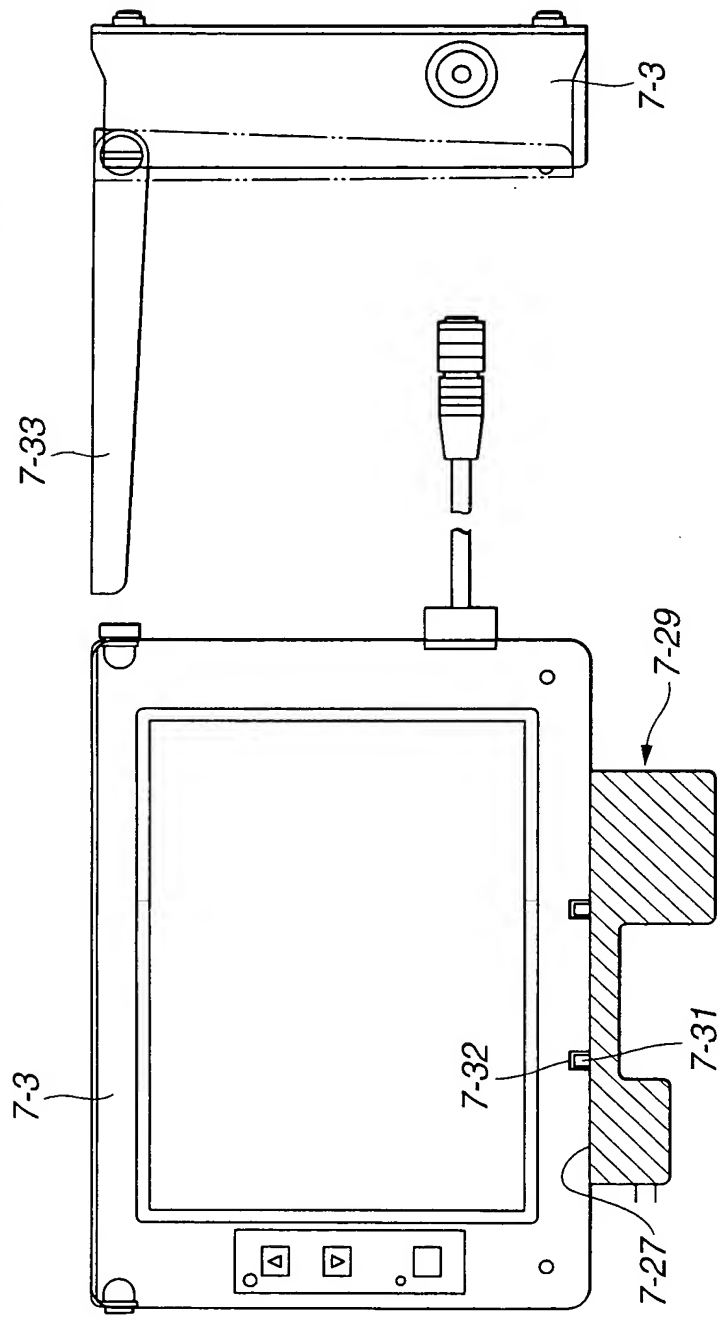
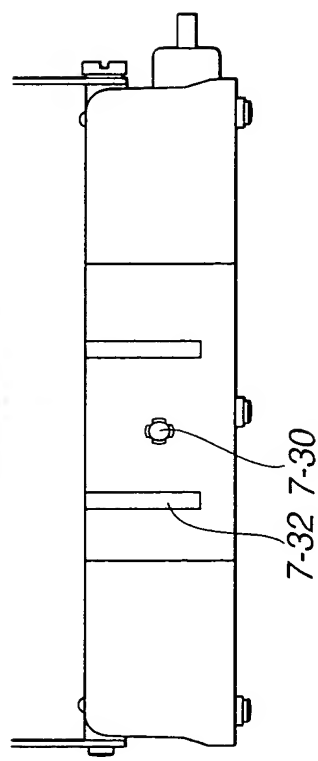
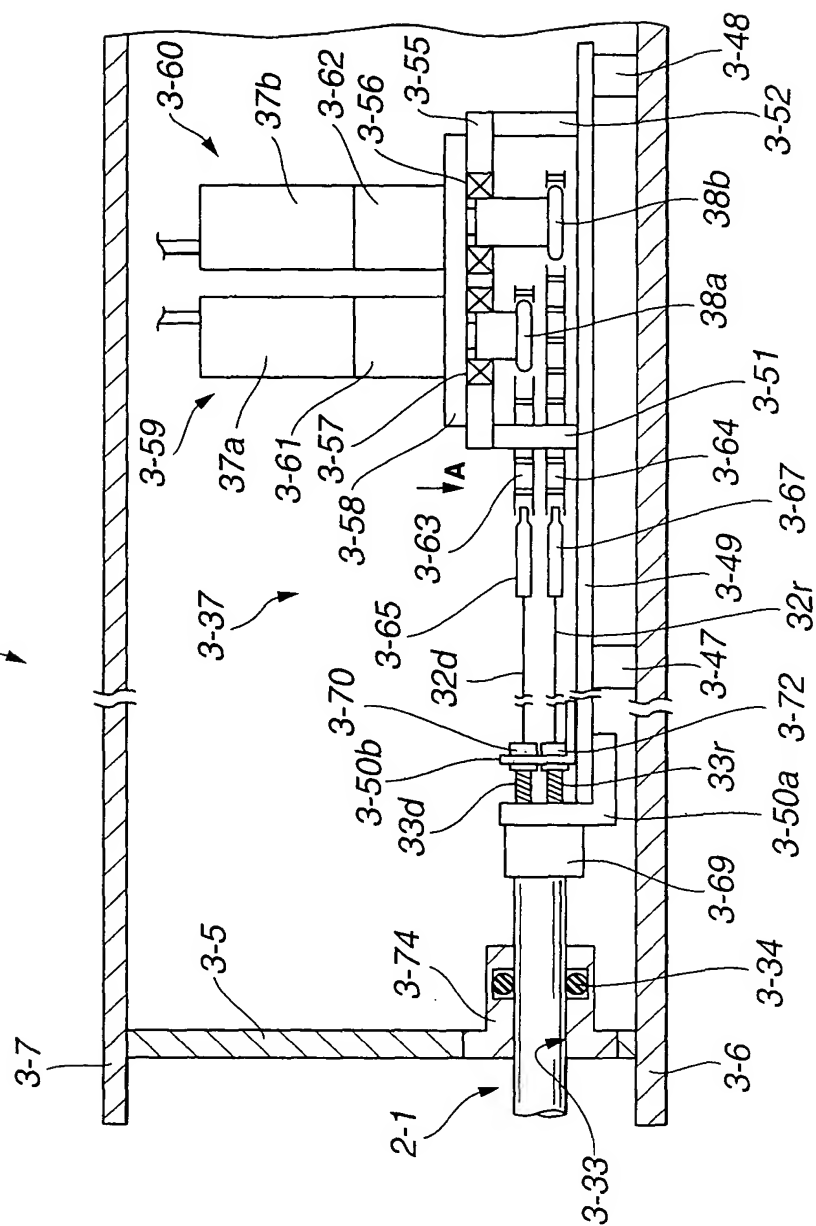


FIG.24B

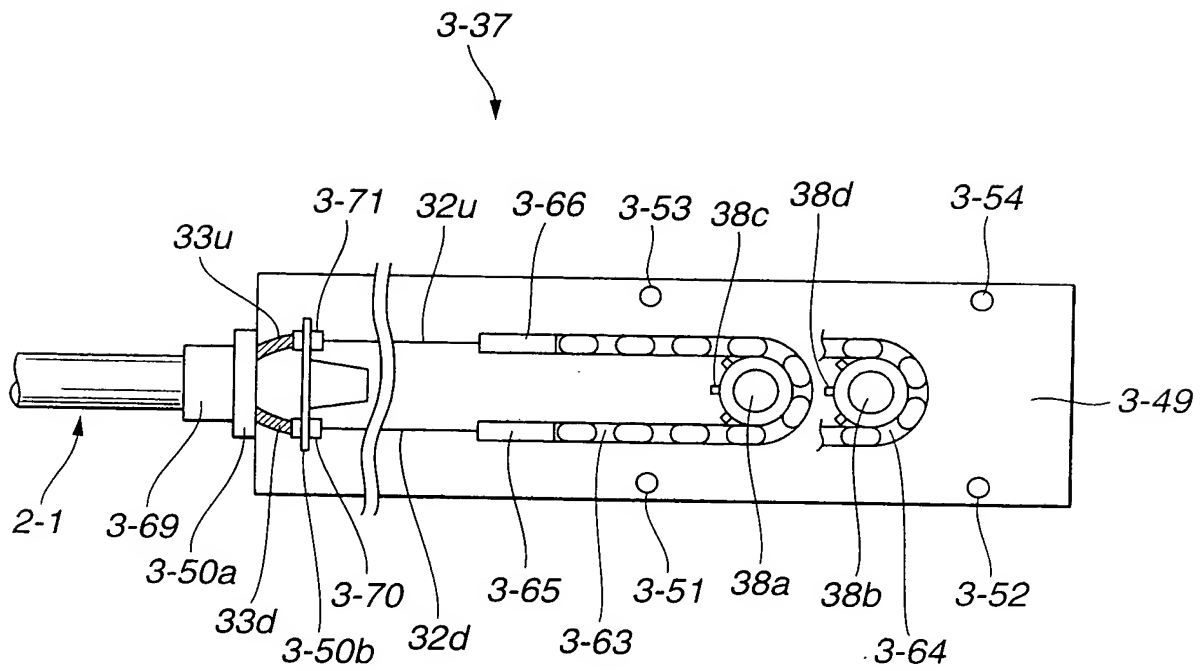


3 →

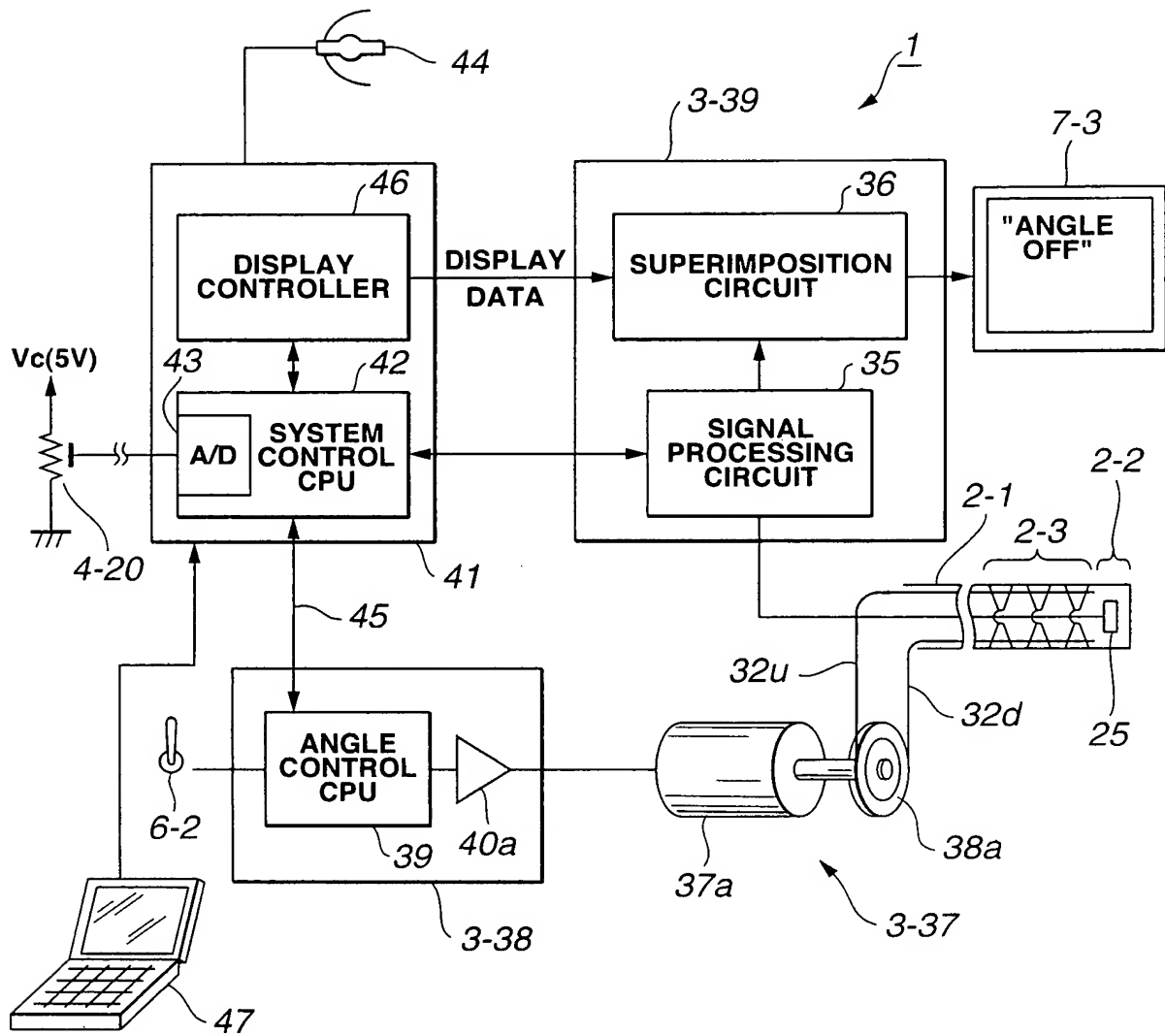




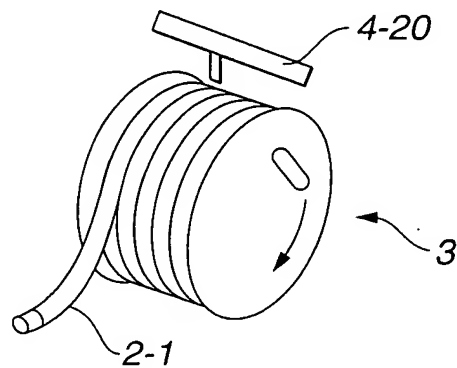
**FIG.26**



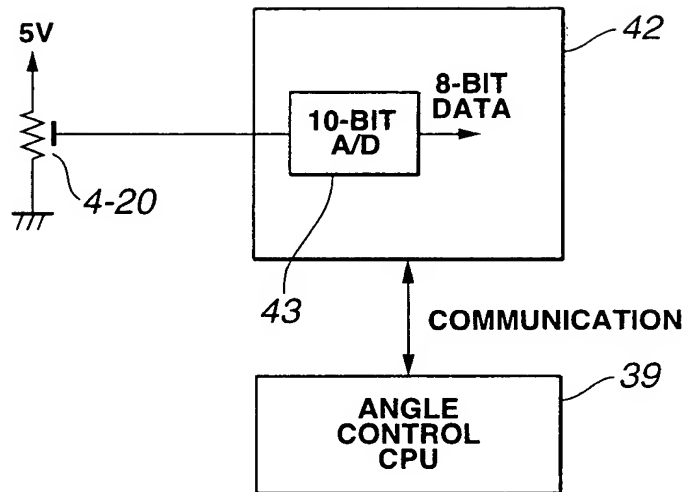
# FIG.27A



# FIG.27B



# FIG.28



# FIG.29

| NUMBER OF<br>DRUM ROTATIONS | OUTPUT OF VARIABLE<br>RESISTOR (V) | DIGITIZED DATA<br>(DECIMAL NOTATION) |
|-----------------------------|------------------------------------|--------------------------------------|
| 0 (FULLY DRAWN OUT)         | 0~0.2                              | 0~14                                 |
| 1                           | 0.3~0.5                            | 15~30                                |
| 2                           | 0.6~0.8                            | 31~45                                |
| 3                           | 0.9~1.1                            | 46~60                                |
| 4 (3.5m WOUND UP)           | 1.2~1.4                            | 61~76                                |
| 5                           | 1.5~1.7                            | 77~91                                |
| 6                           | 1.8~2.0                            | 92~106                               |
| 7                           | 2.1~2.3                            | 107~121                              |
| 8                           | 2.4~2.6                            | 122~137                              |
| 9                           | 2.7~2.9                            | 138~152                              |
| 10 (9.5m WOUND UP)          | 3.0~3.2                            | 153~167                              |
|                             |                                    |                                      |
| (16. 7)                     | 5.0                                | 255                                  |

# FIG.30

## THRESHOLD ENABLING OR DISABLING ANGLE CONTROLLING

|              | RANGE OF DIGITAL DATA<br>LEADING TO JUDGMENT<br>THAT ANGLE CONTROLLING<br>IS DISABLED<br>(NO MOVEMENT CAN BE<br>INSTRUCTED USING<br>JOYSTICK INCLUDED IN<br>REMOTE CONTROLLER OR<br>EXTERNAL PC) | RANGE OF DIGITAL DATA<br>LEADING TO JUDGMENT<br>THAT ANGLE CONTROLLING<br>IS ENABLED<br>(MOVEMENT CAN BE<br>INSTRUCTED USING<br>JOYSTICK INCLUDED IN<br>REMOTE CONTROLLER OR<br>EXTERNAL PC) |
|--------------|--|--|
| TYPE<br>3.5m | 54~255   | 0~53   |
| TYPE<br>9.5m | 61~255   | 0~60   |

FIG.31

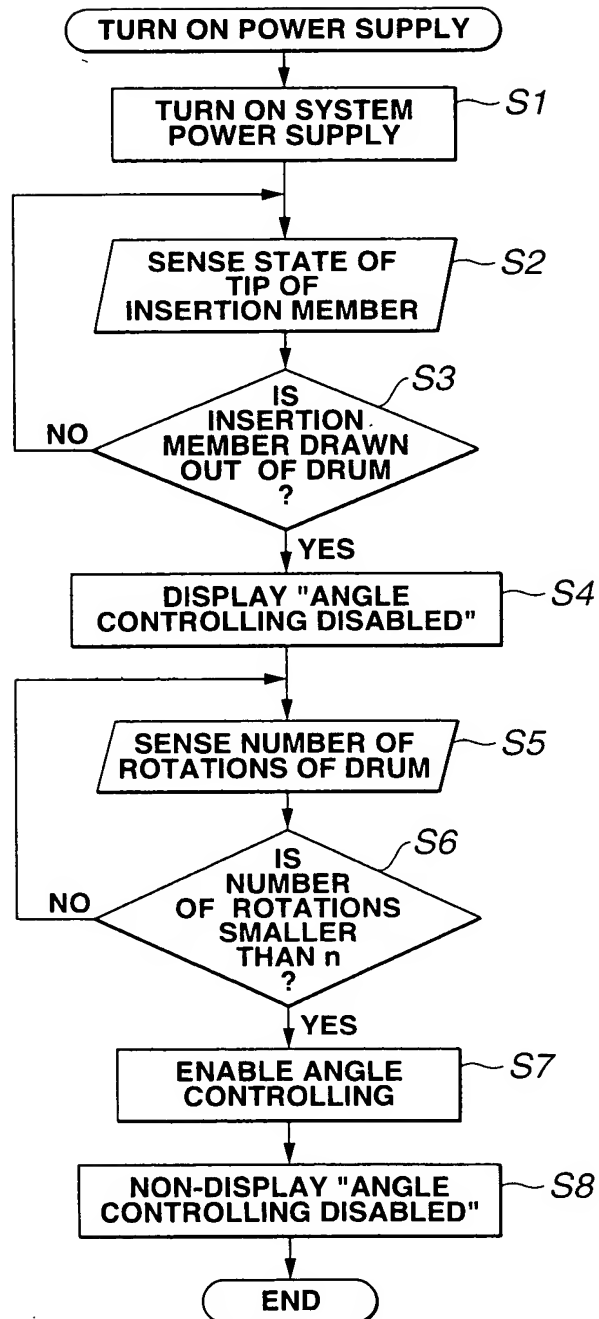
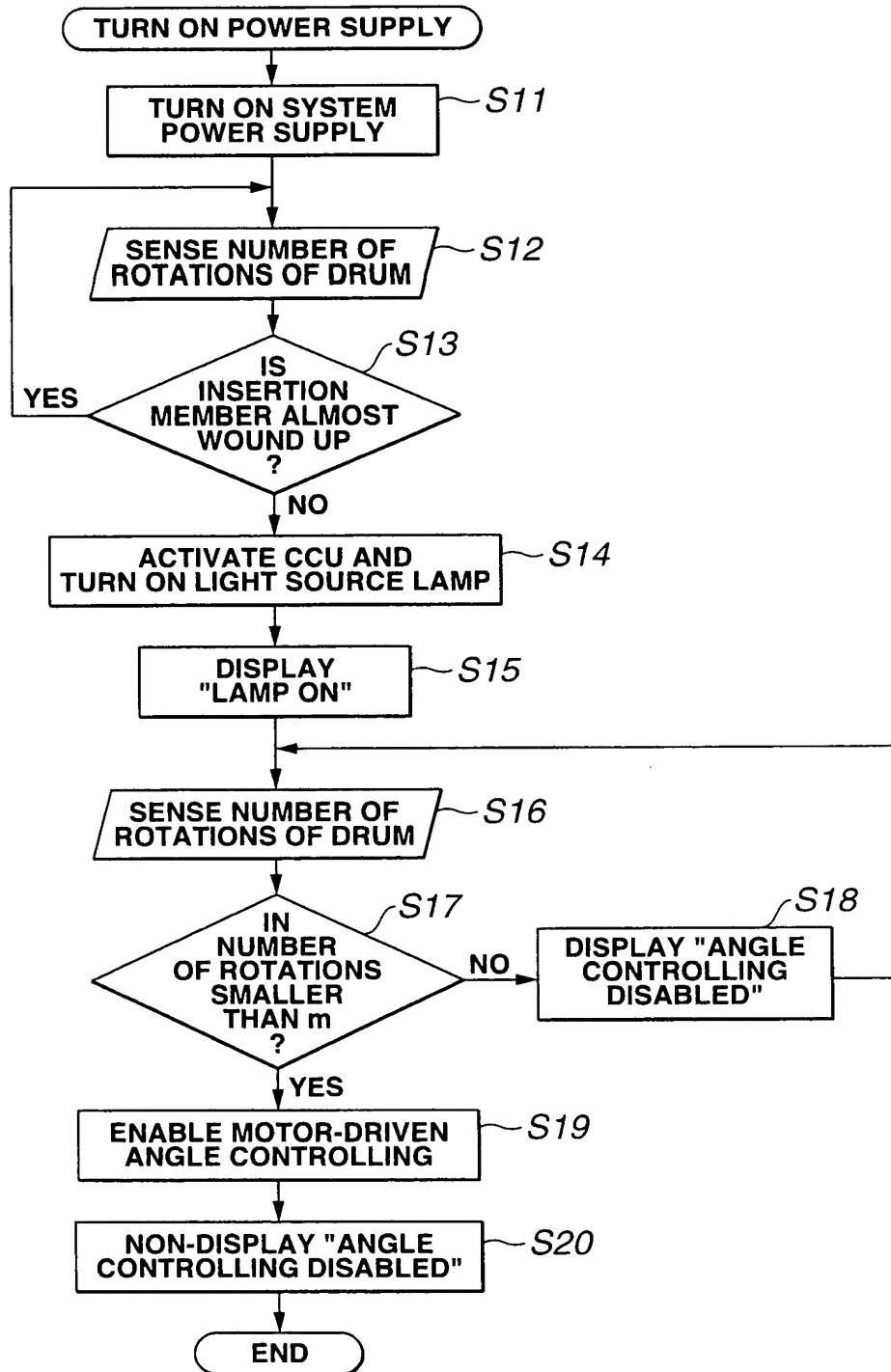


FIG.32

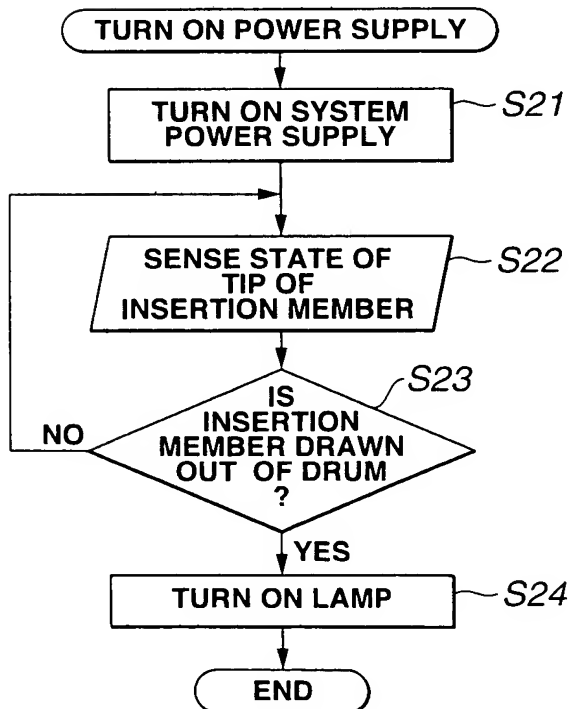


# FIG.33

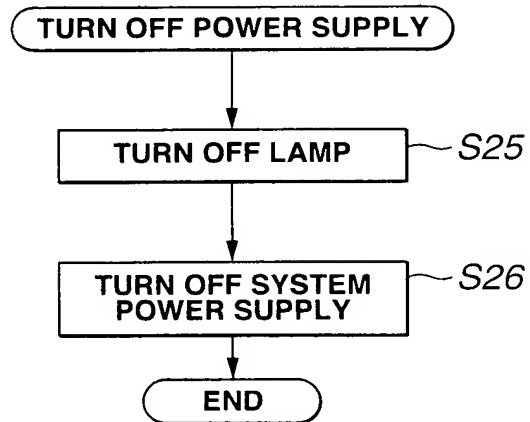
THRESHOLD TO TURN ON OR OFF LIGHT SOURCE LAMP

|              | RANGE OF DIGITAL DATA<br>LEADING TO JUDGMENT<br>THAT LAMP SHOULD<br>BE TURNED OFF<br>(LAMP CANNOT BE TURNED<br>ON OR OFF USING SWITCH<br>OF REMOTE CONTROLLER) | RANGE OF DIGITAL DATA<br>LEADING TO JUDGMENT<br>THAT LAMP SHOULD BE<br>AUTOMATICALLY TURNED<br>ON WITH POWER SUPPLY<br>TURNED ON<br>(LAMP CAN BE TURNED<br>ON OR OFF USING SWITCH<br>OF REMOTE CONTROLLER) |
|--------------|--|--|
| TYPE<br>3.5m | 59~255   | 0~58   |
| TYPE<br>9.5m | 154~255  | 0~153  |

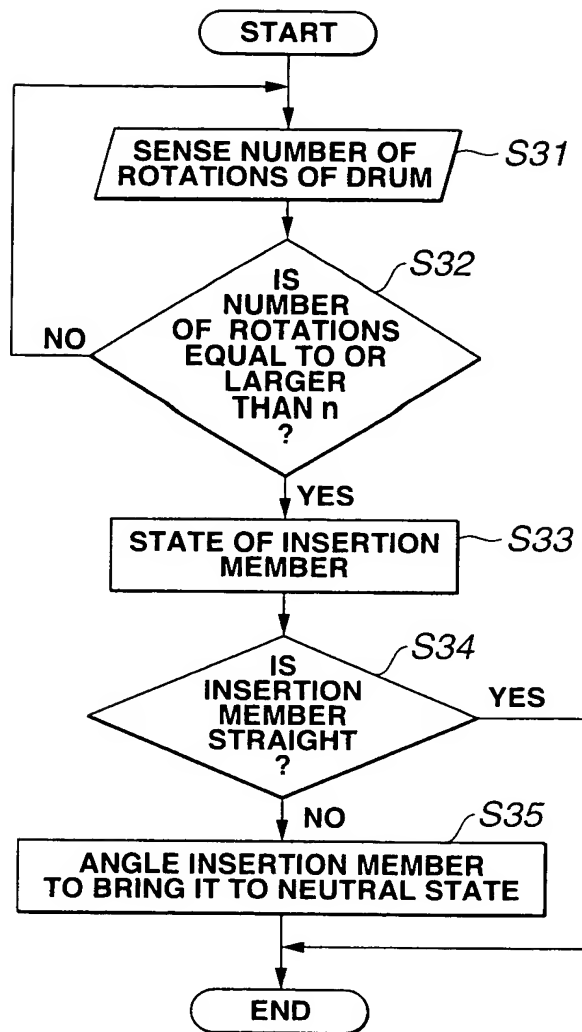
## FIG.34A



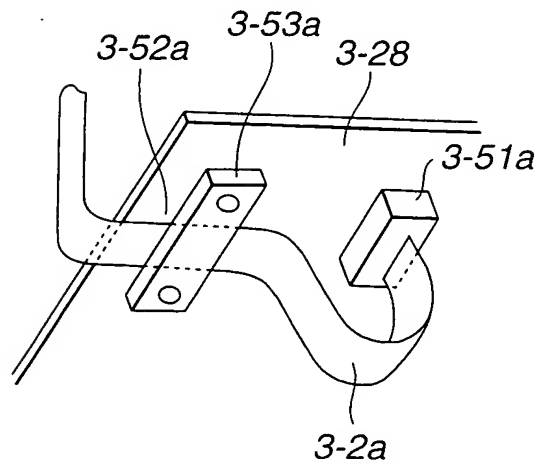
## FIG.34B



# FIG.35

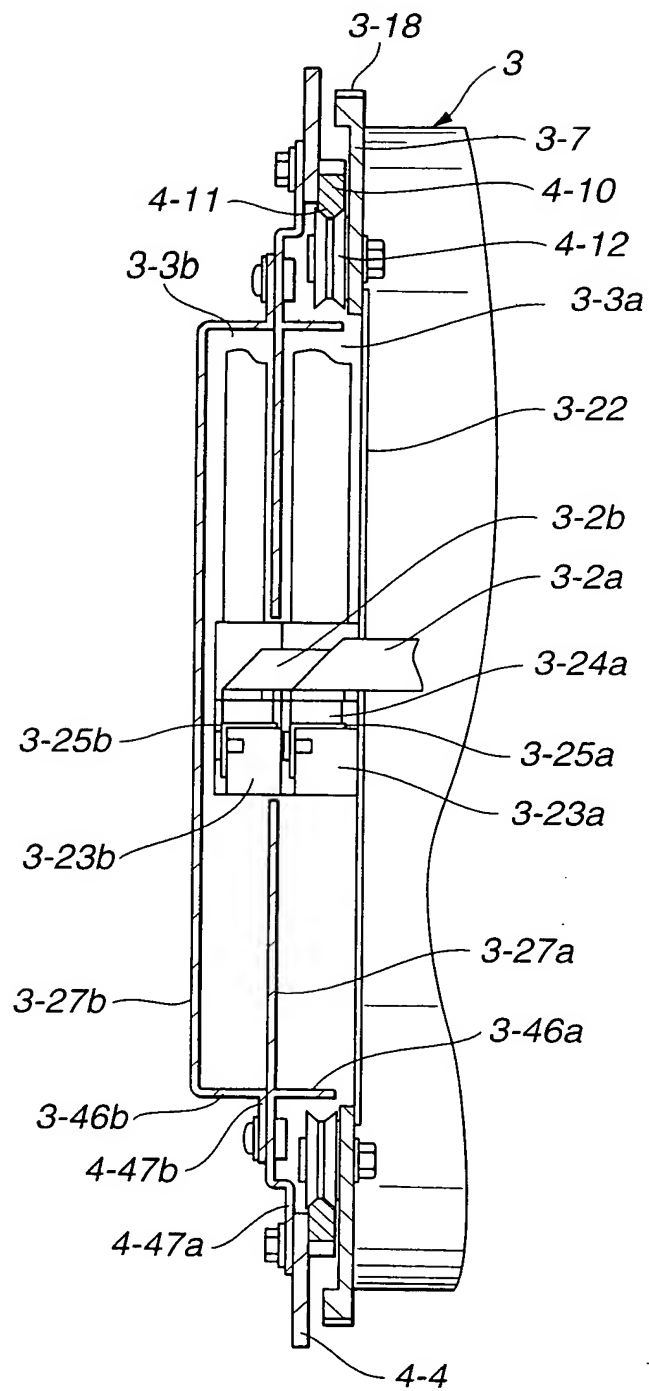


# FIG.37

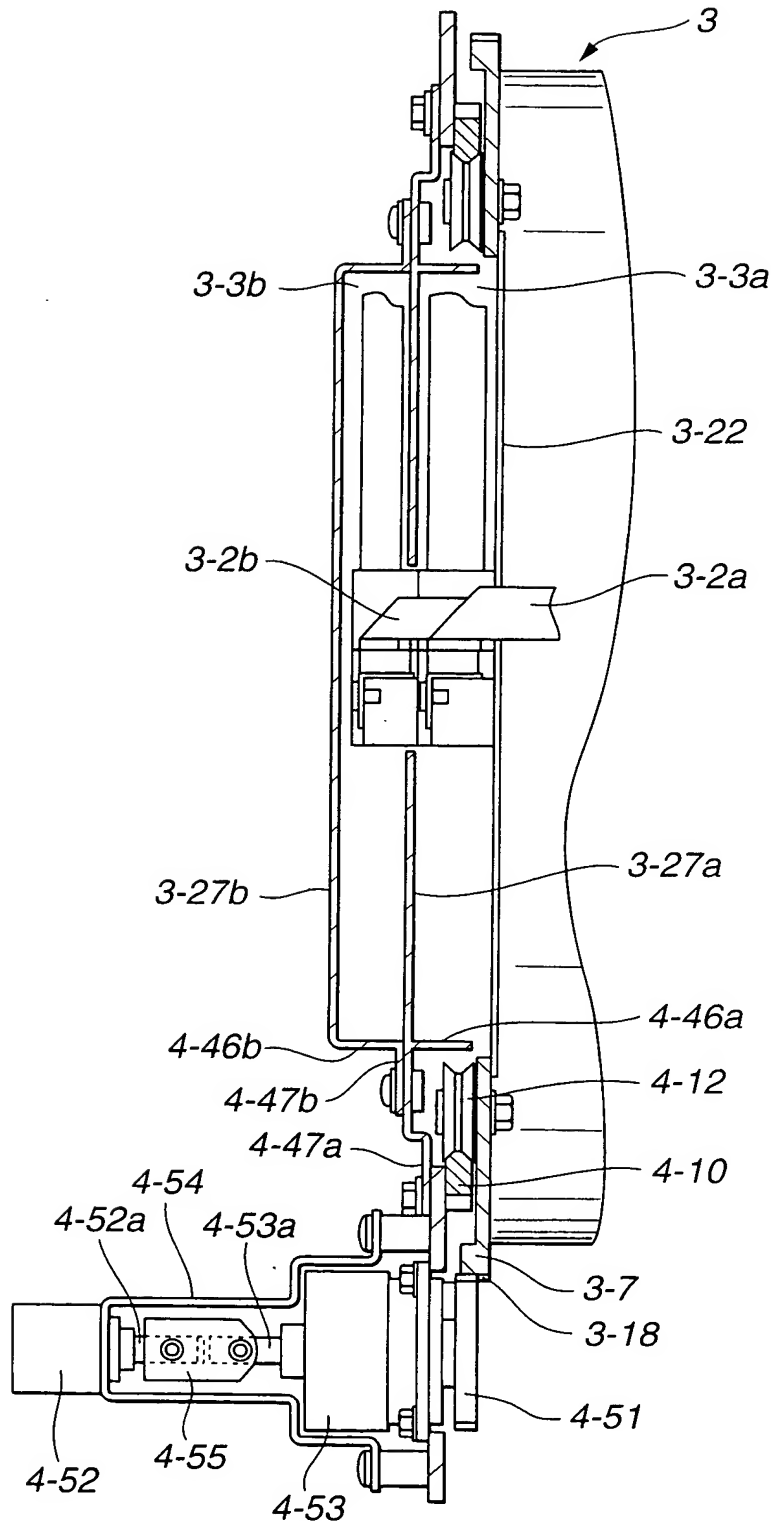




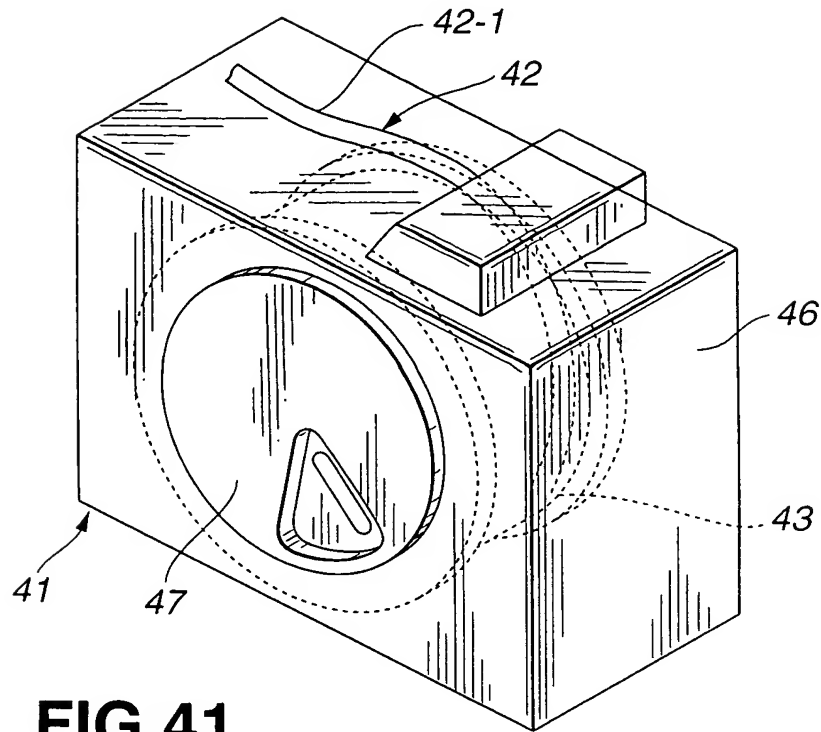
**FIG.36**



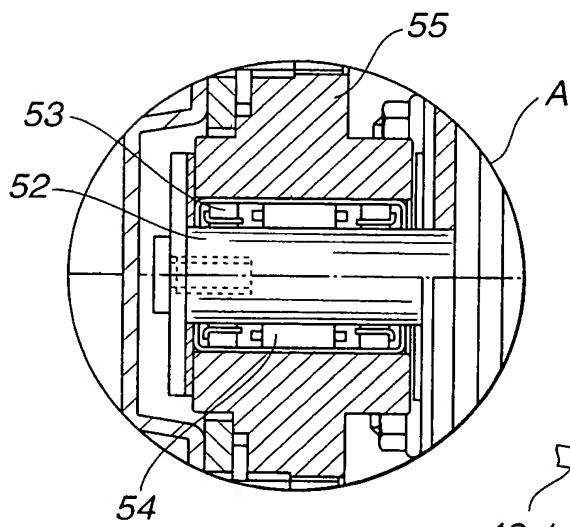
**FIG.38**



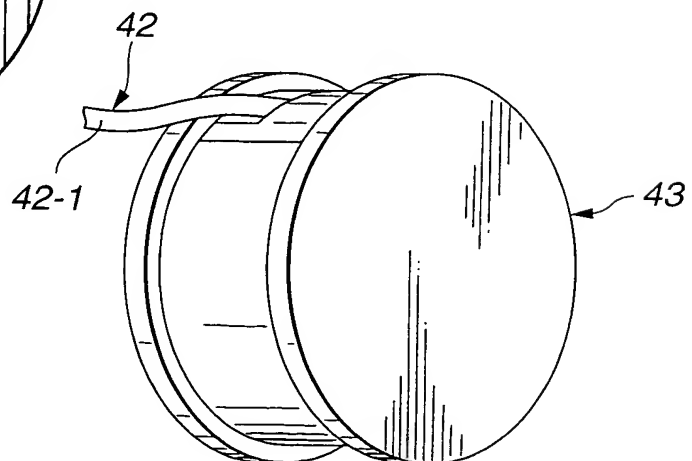
**FIG.39**



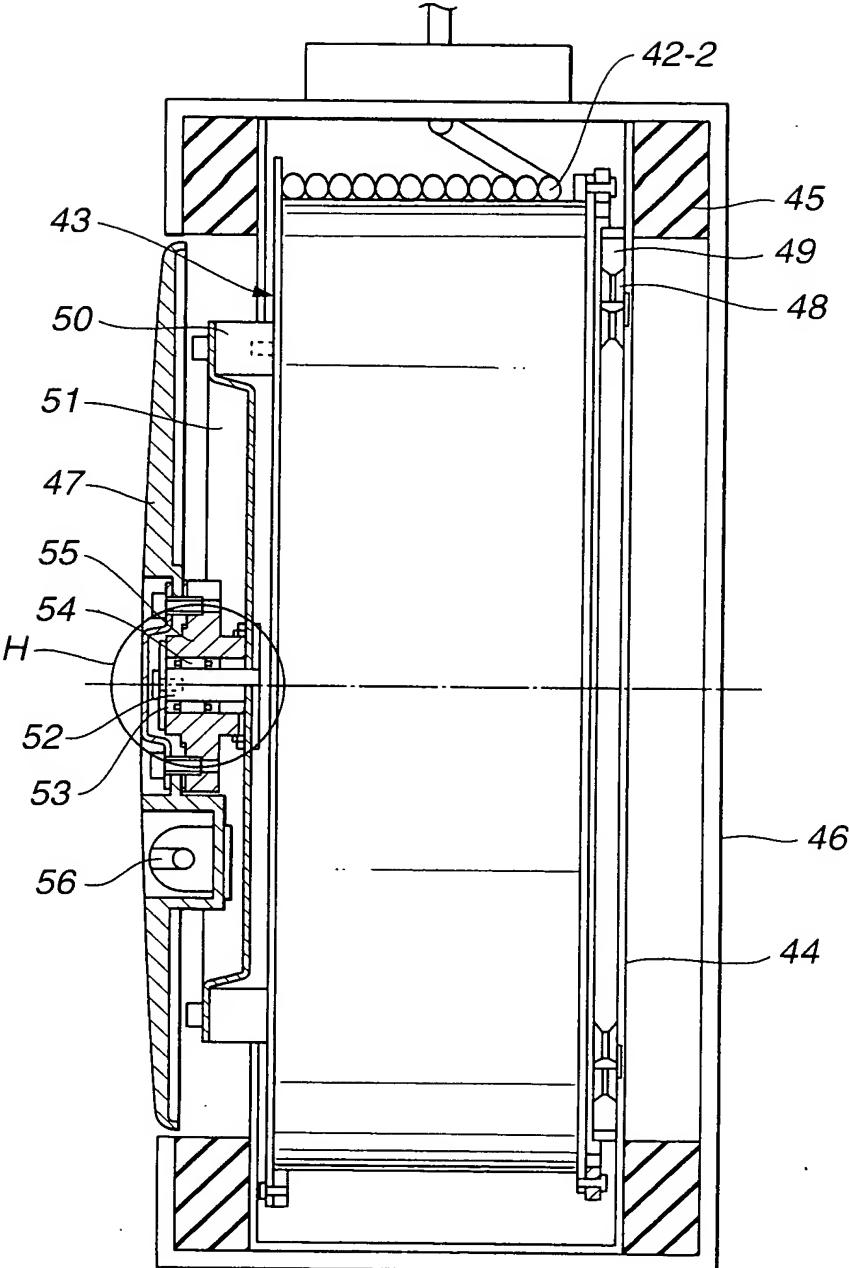
**FIG.41**



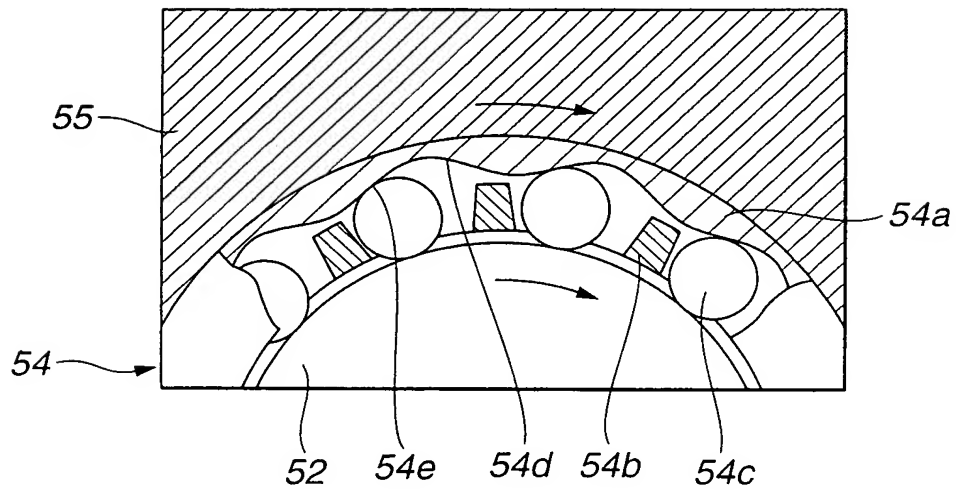
**FIG.42**



**FIG.40**



**FIG.43A**



**FIG.43B**

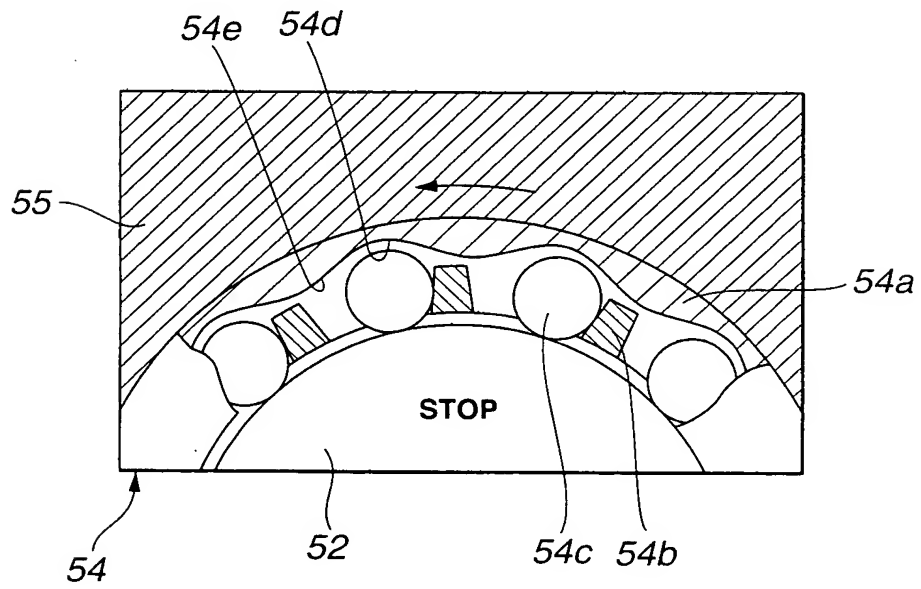
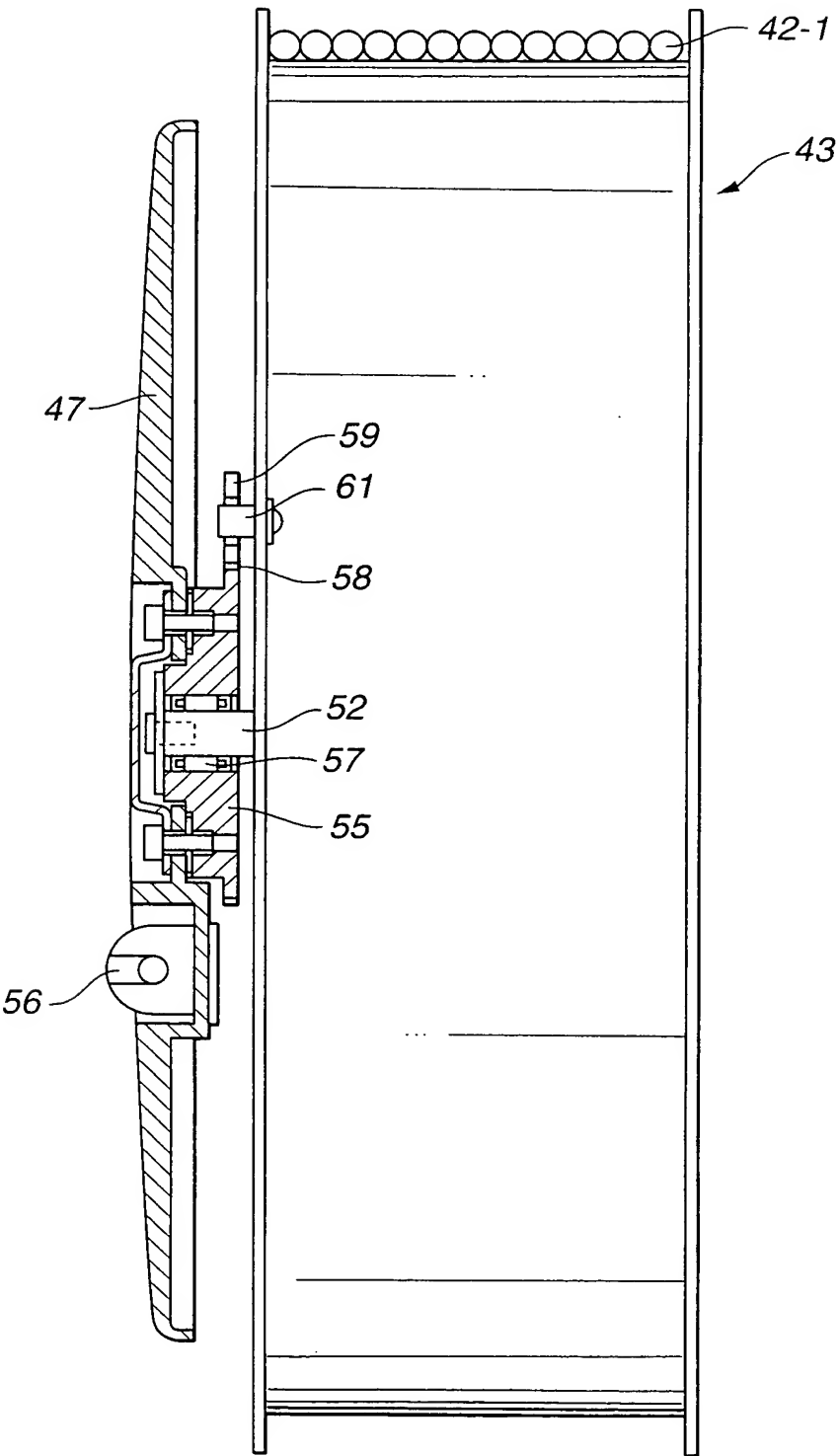
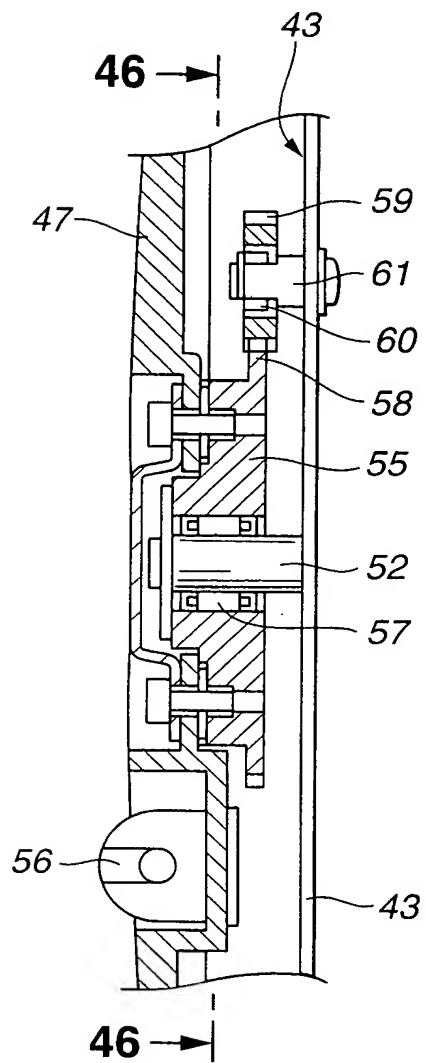


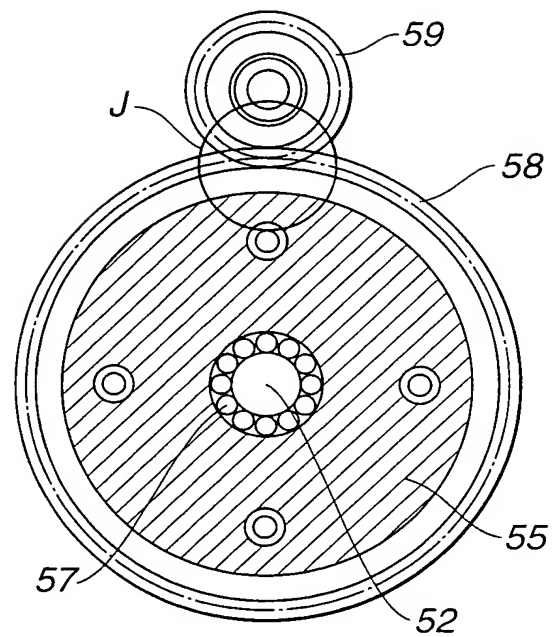
FIG.44



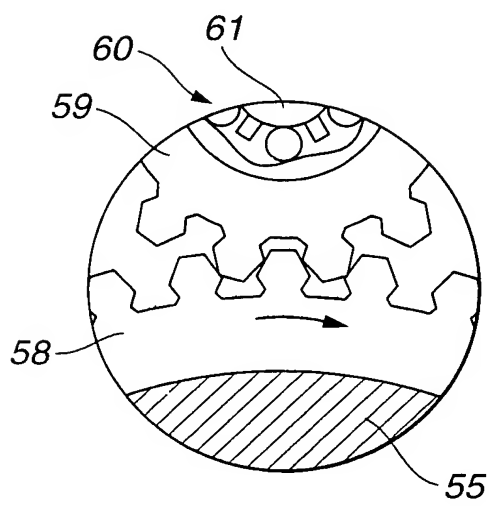
**FIG.45**



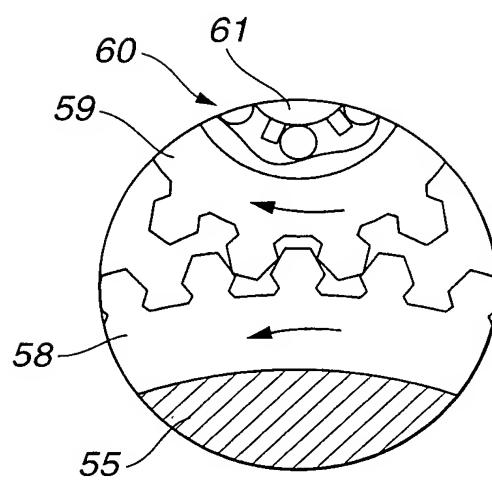
**FIG.46**



**FIG.47A**

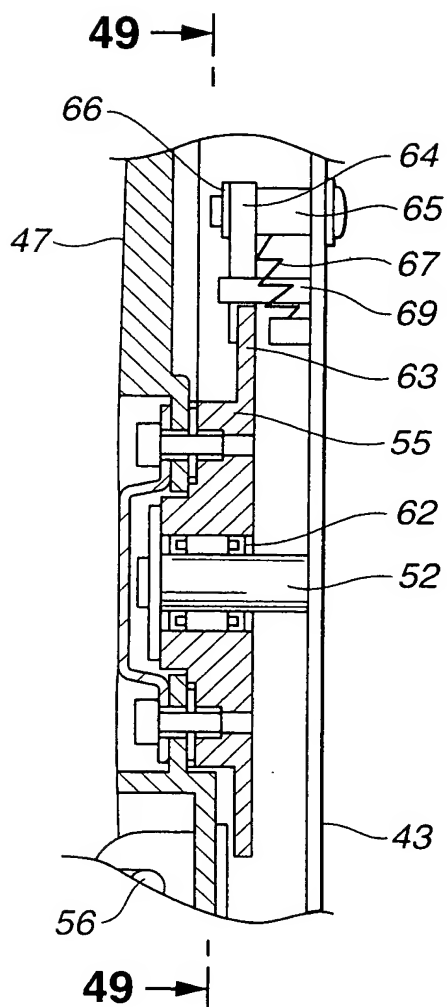


**FIG.47B**

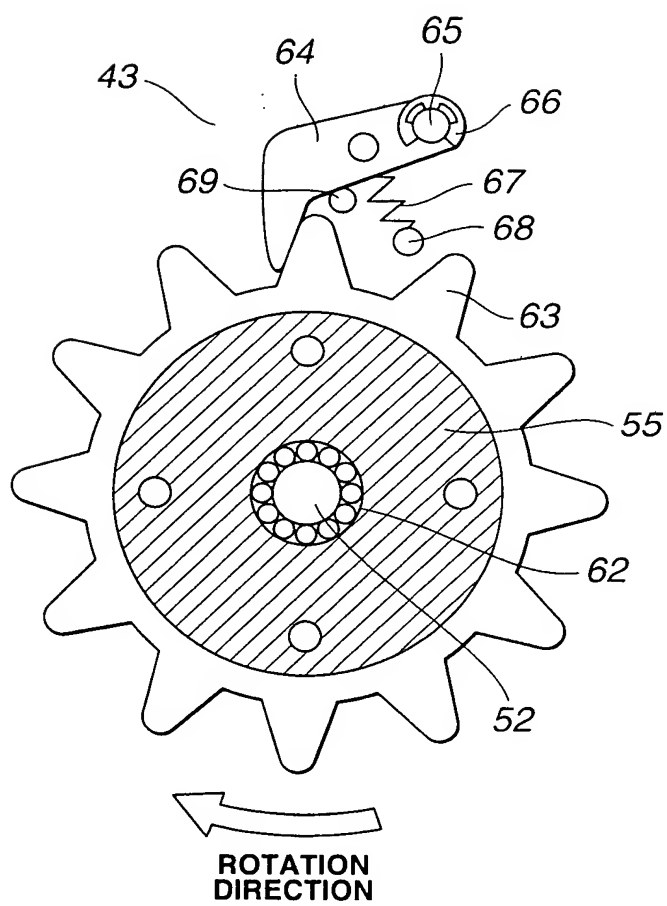




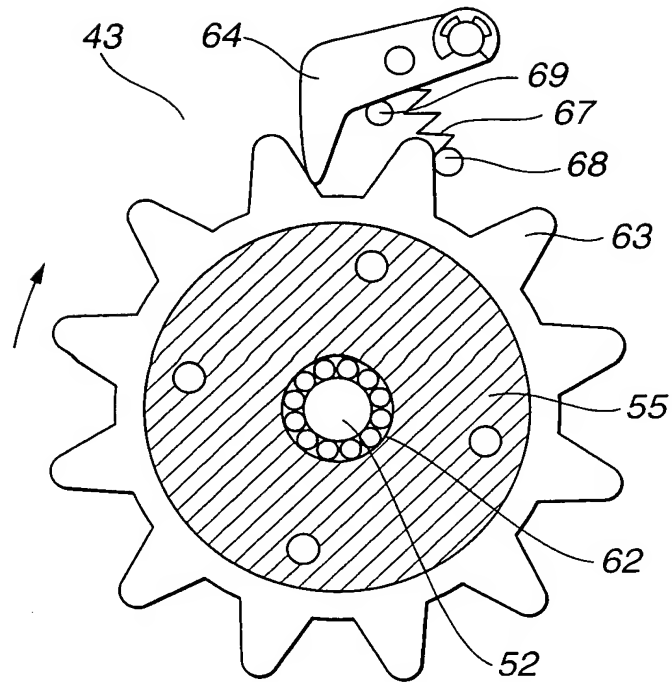
**FIG.48**



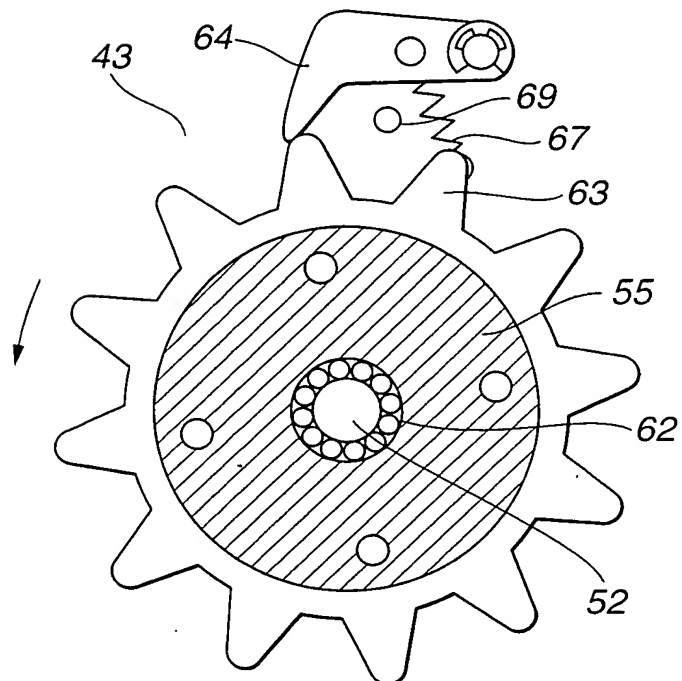
**FIG.49**



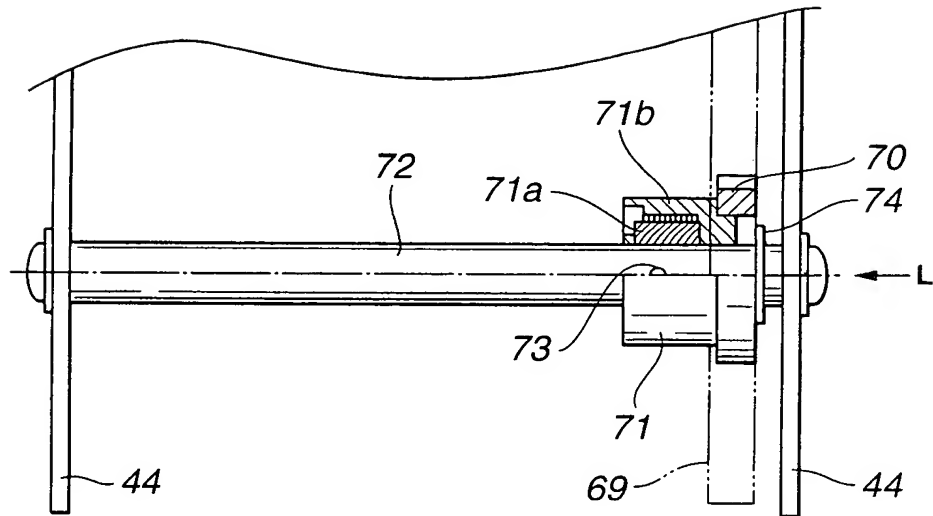
**FIG.50A**



**FIG.50B**



**FIG.51**



**FIG.52**

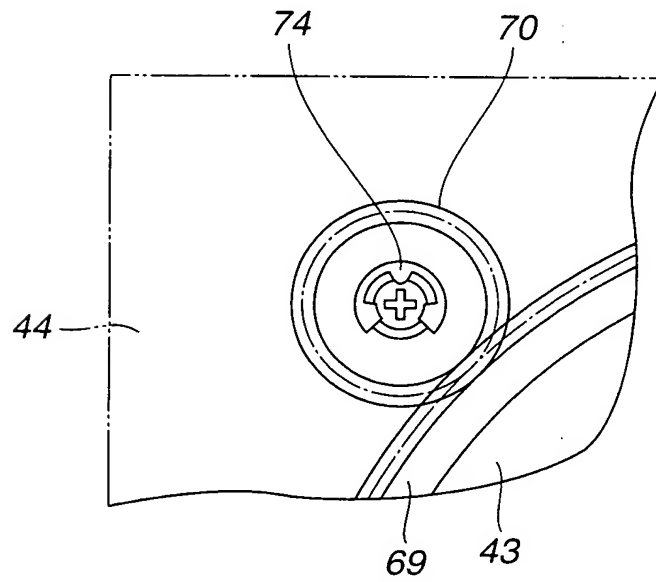
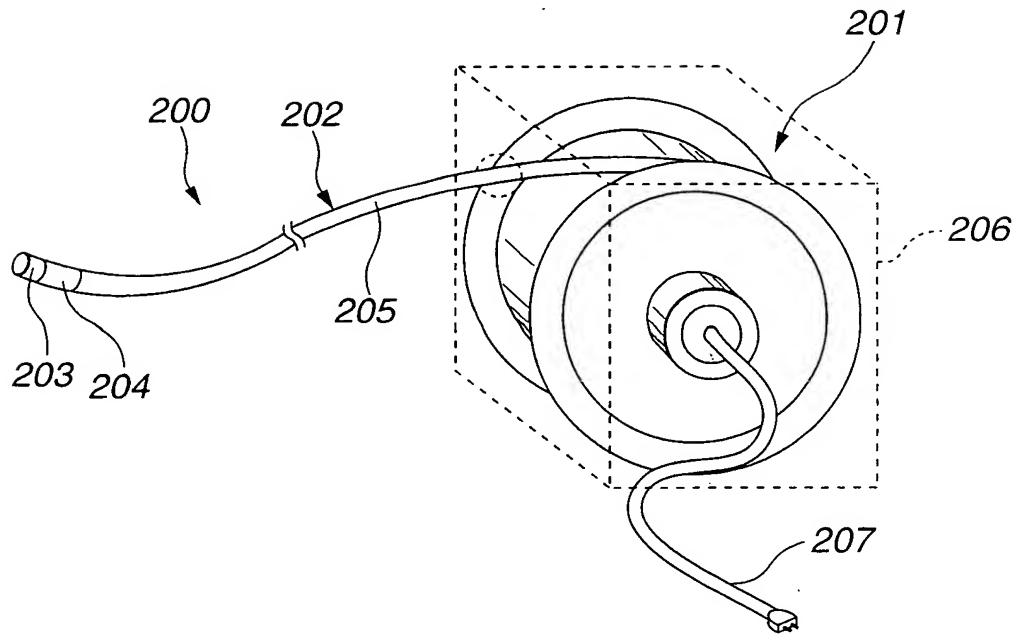
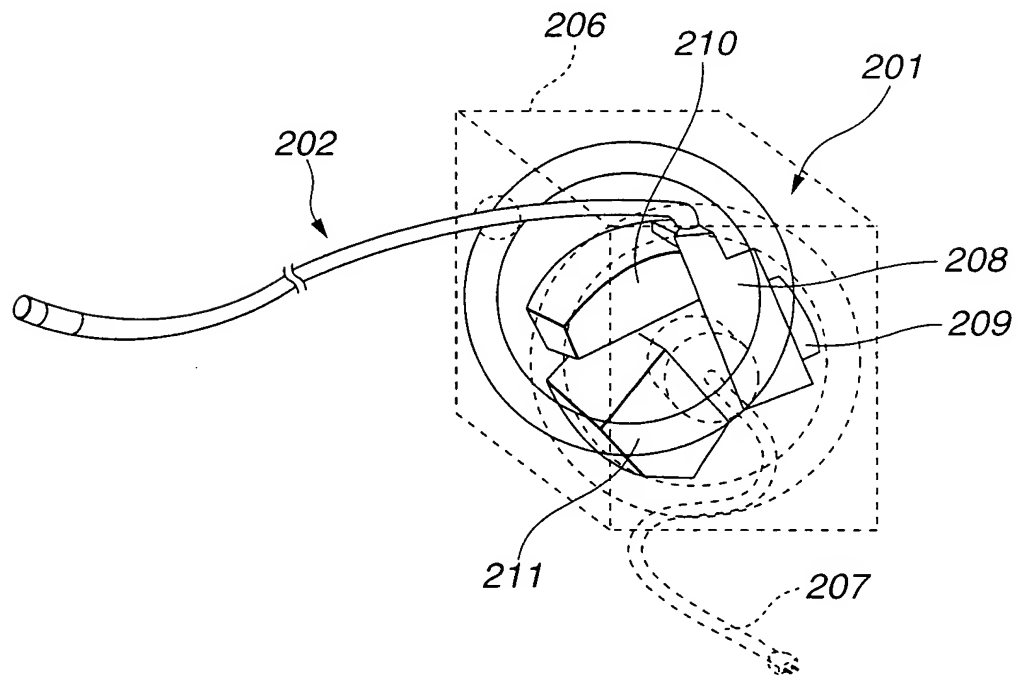


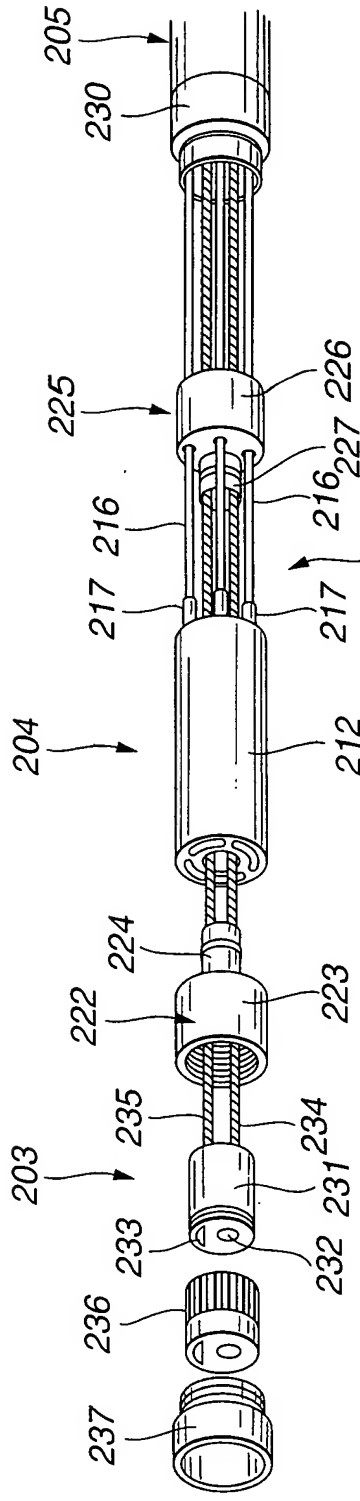
FIG.53



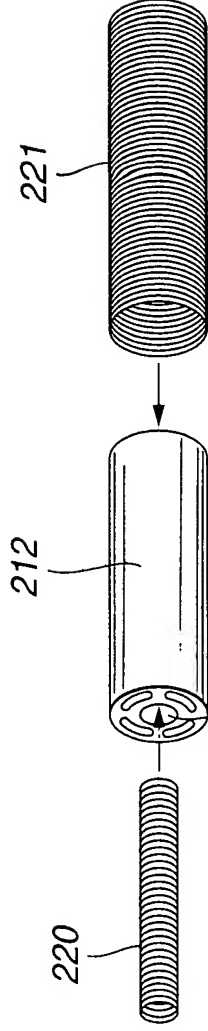
**FIG.55**



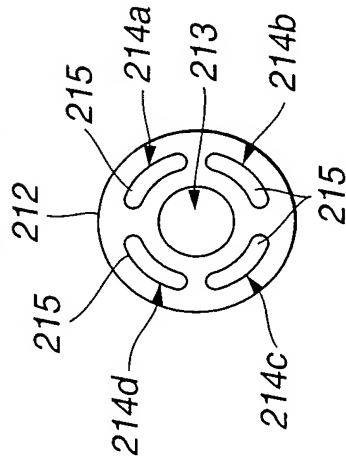
**FIG. 54A**



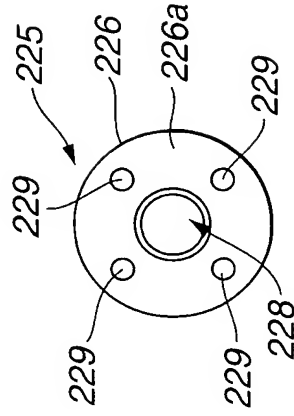
**FIG. 54B**



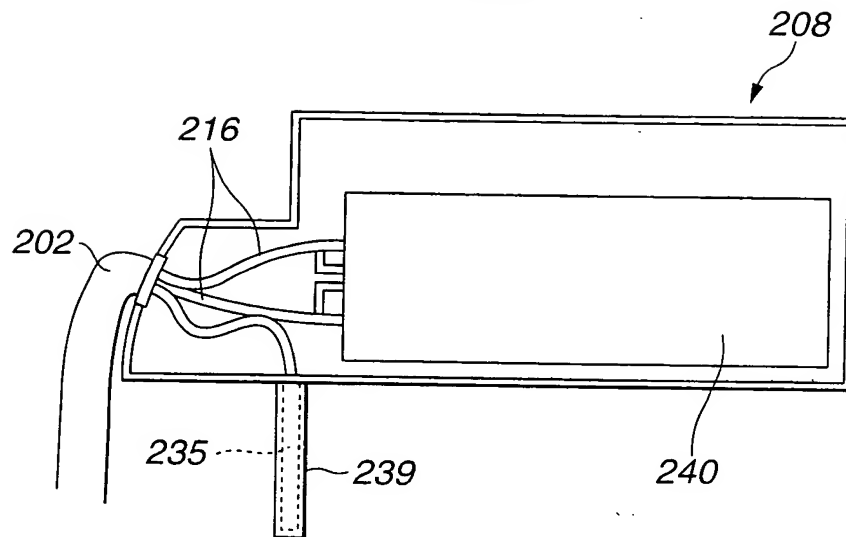
**FIG. 54C**



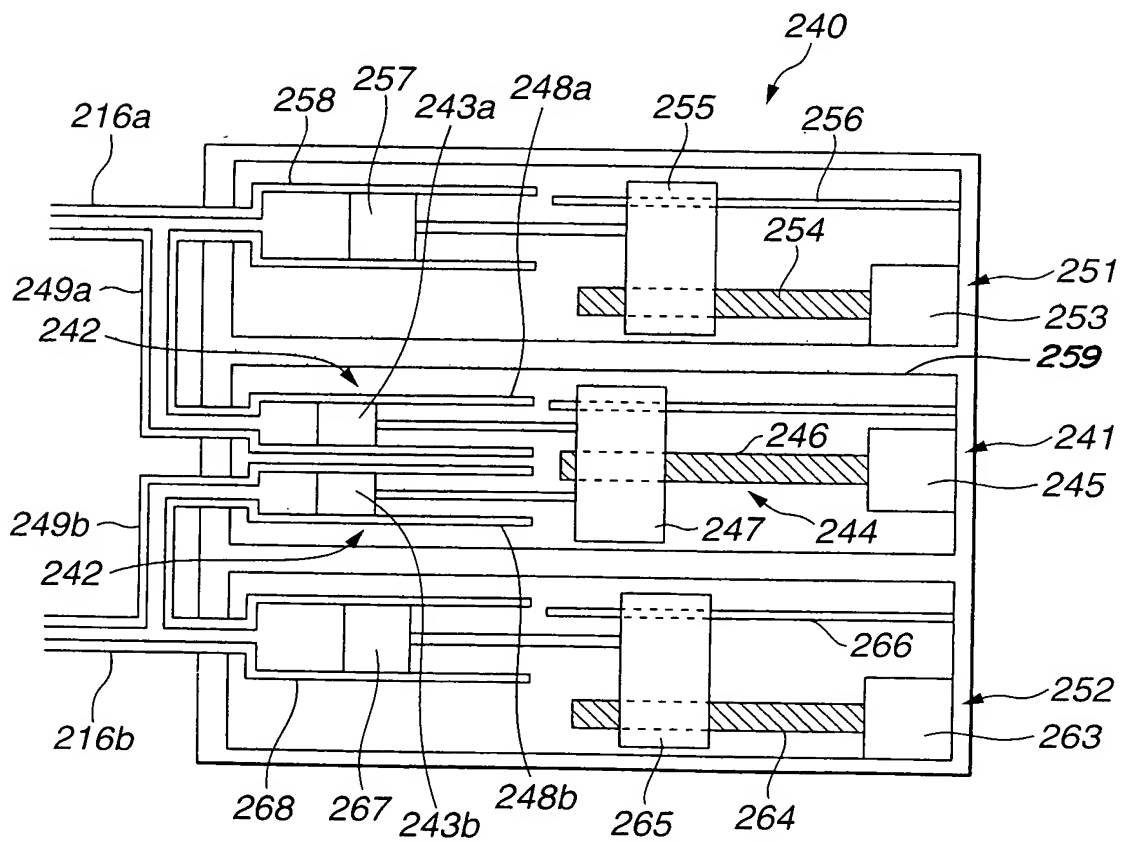
**FIG. 54D**



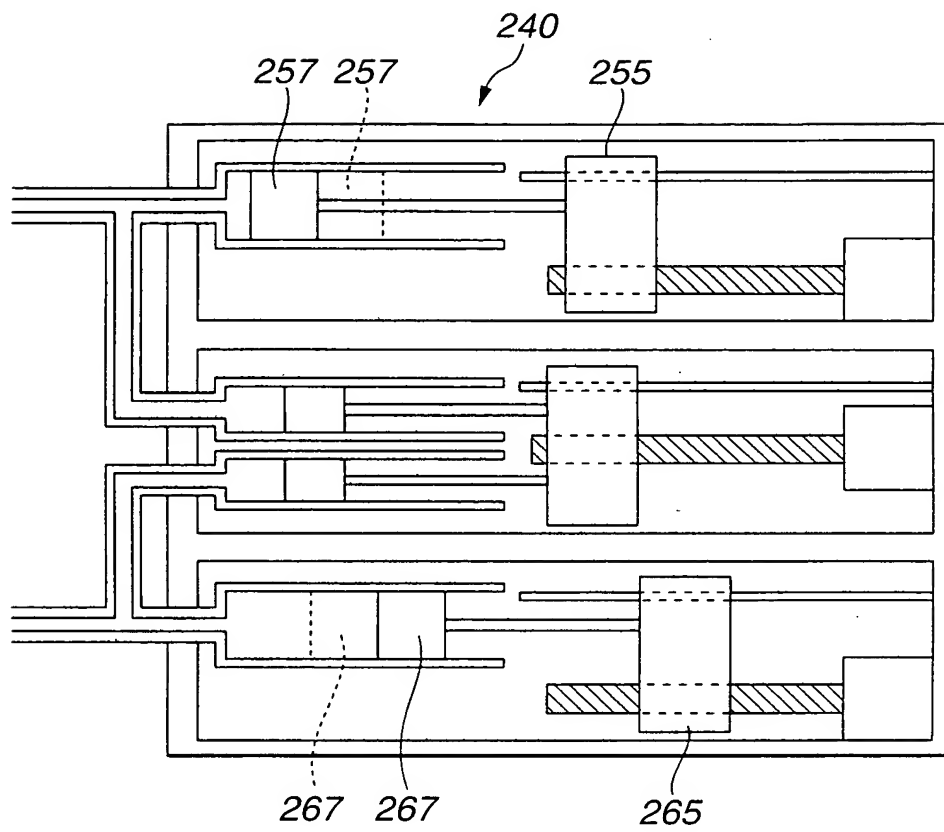
# FIG.56



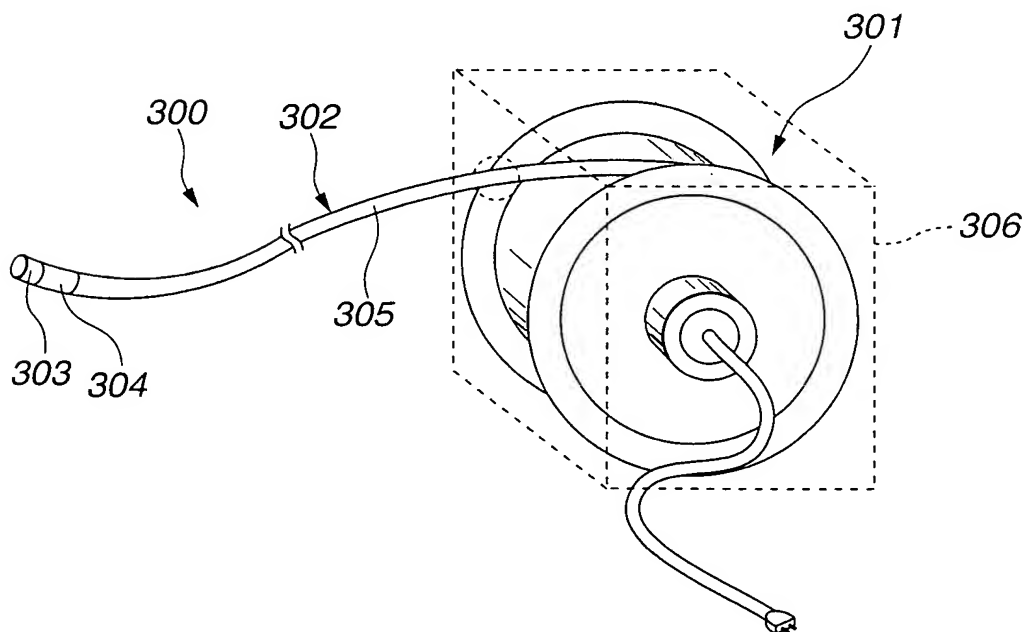
# FIG.57



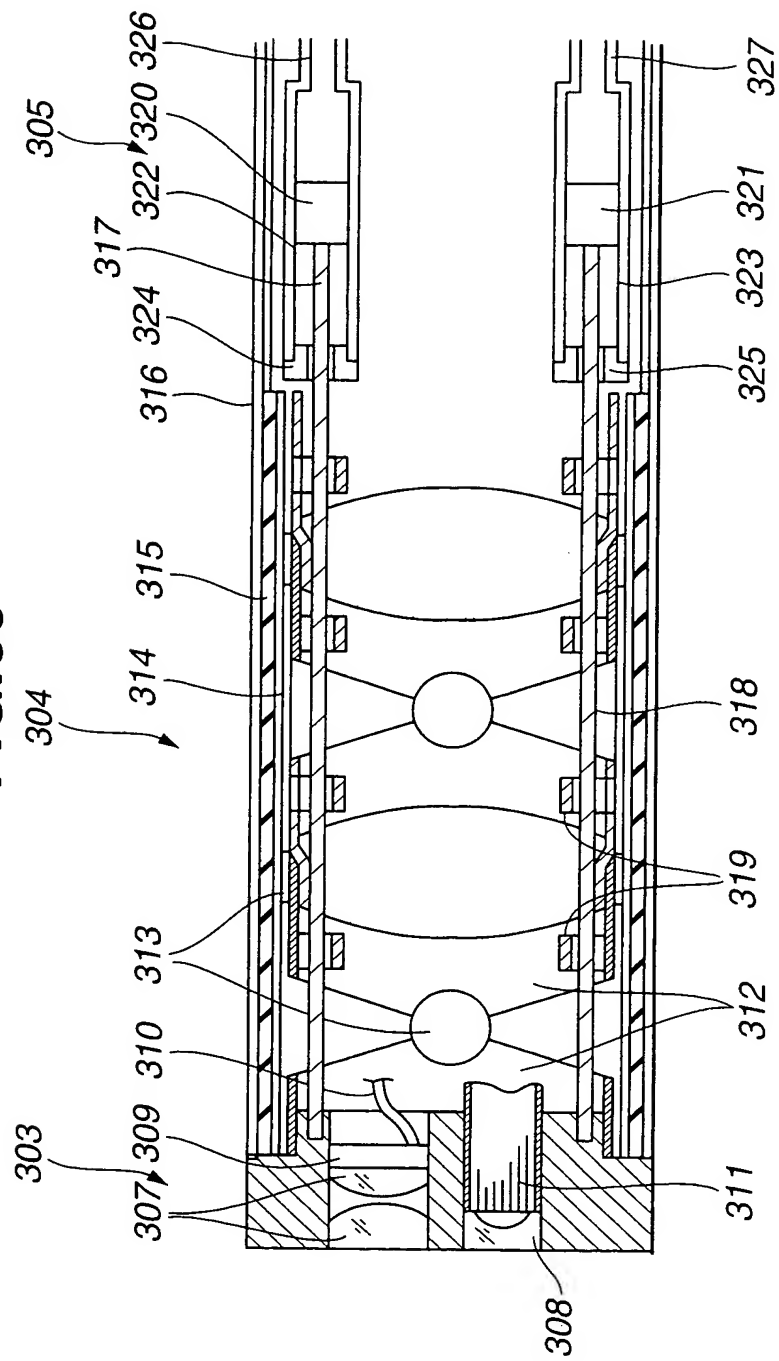
**FIG.58**



**FIG.59**

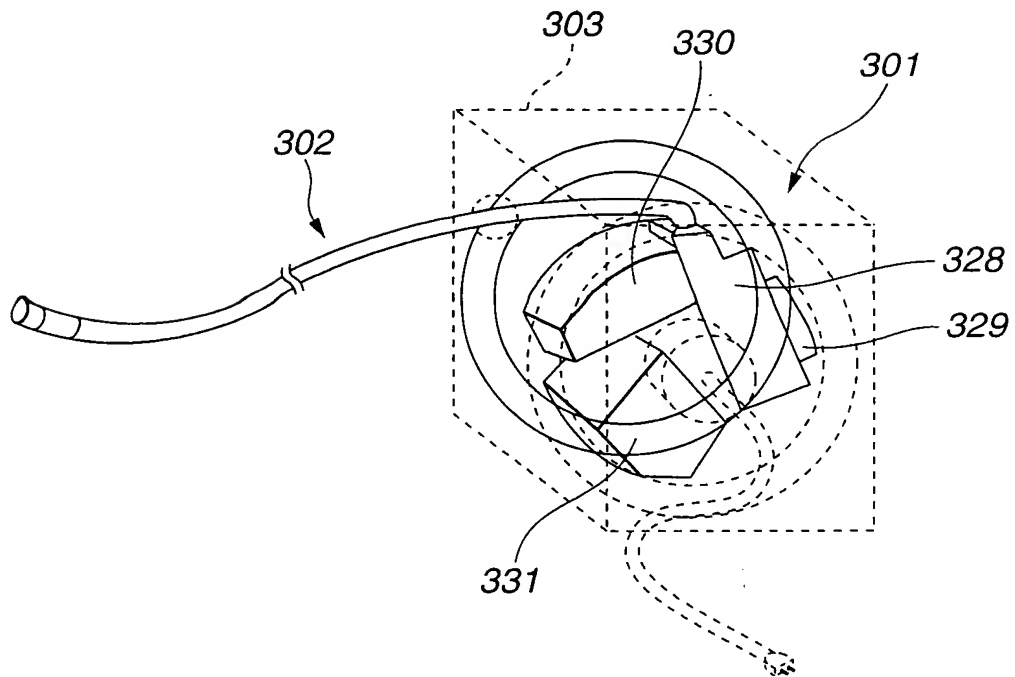


**FIG. 60**

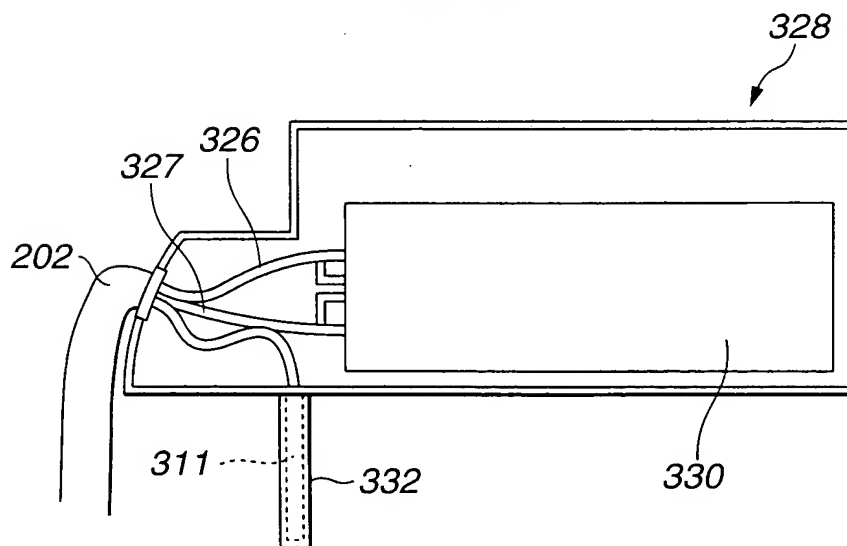




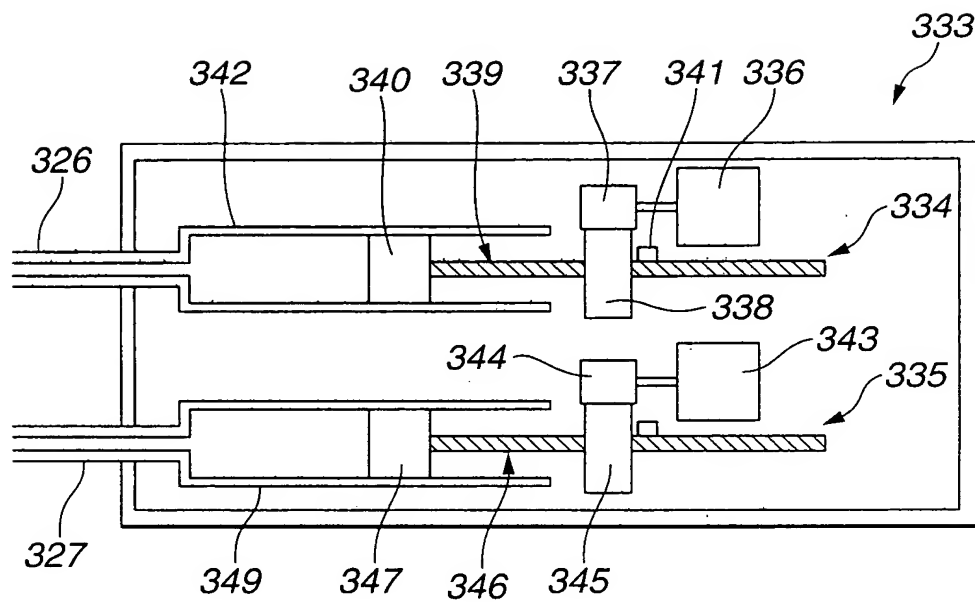
**FIG.61**



**FIG.62**



# FIG.63



# FIG.64

